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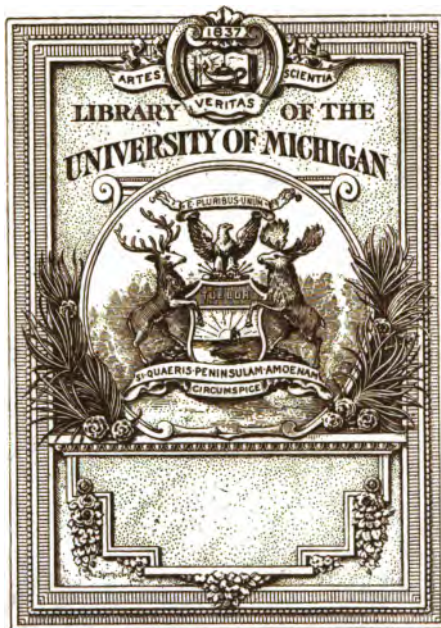
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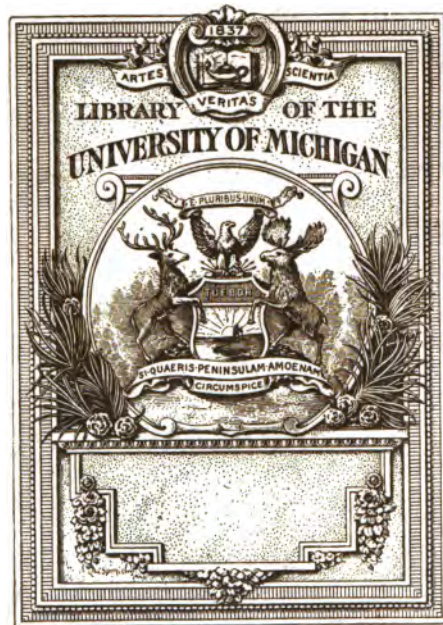
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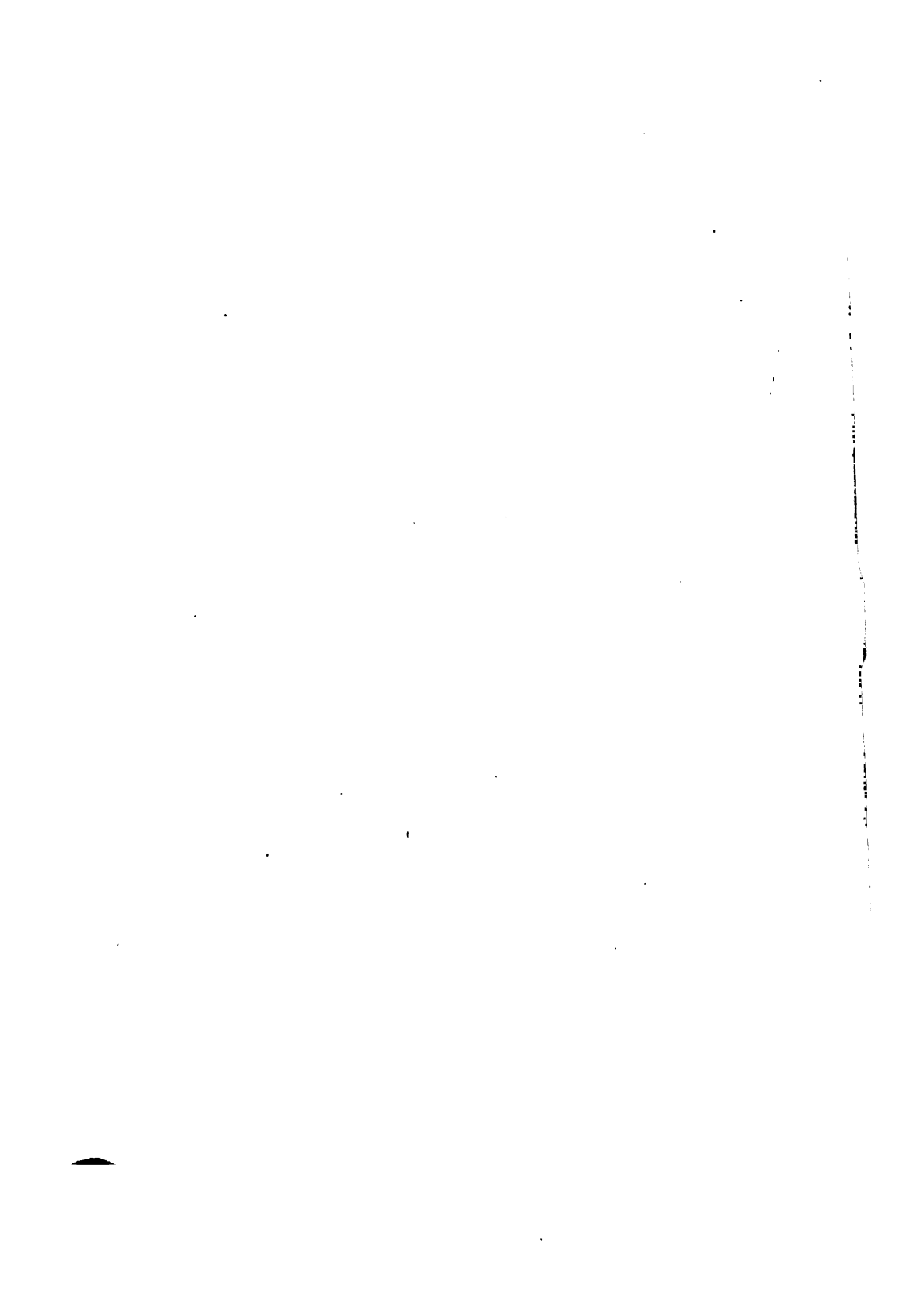
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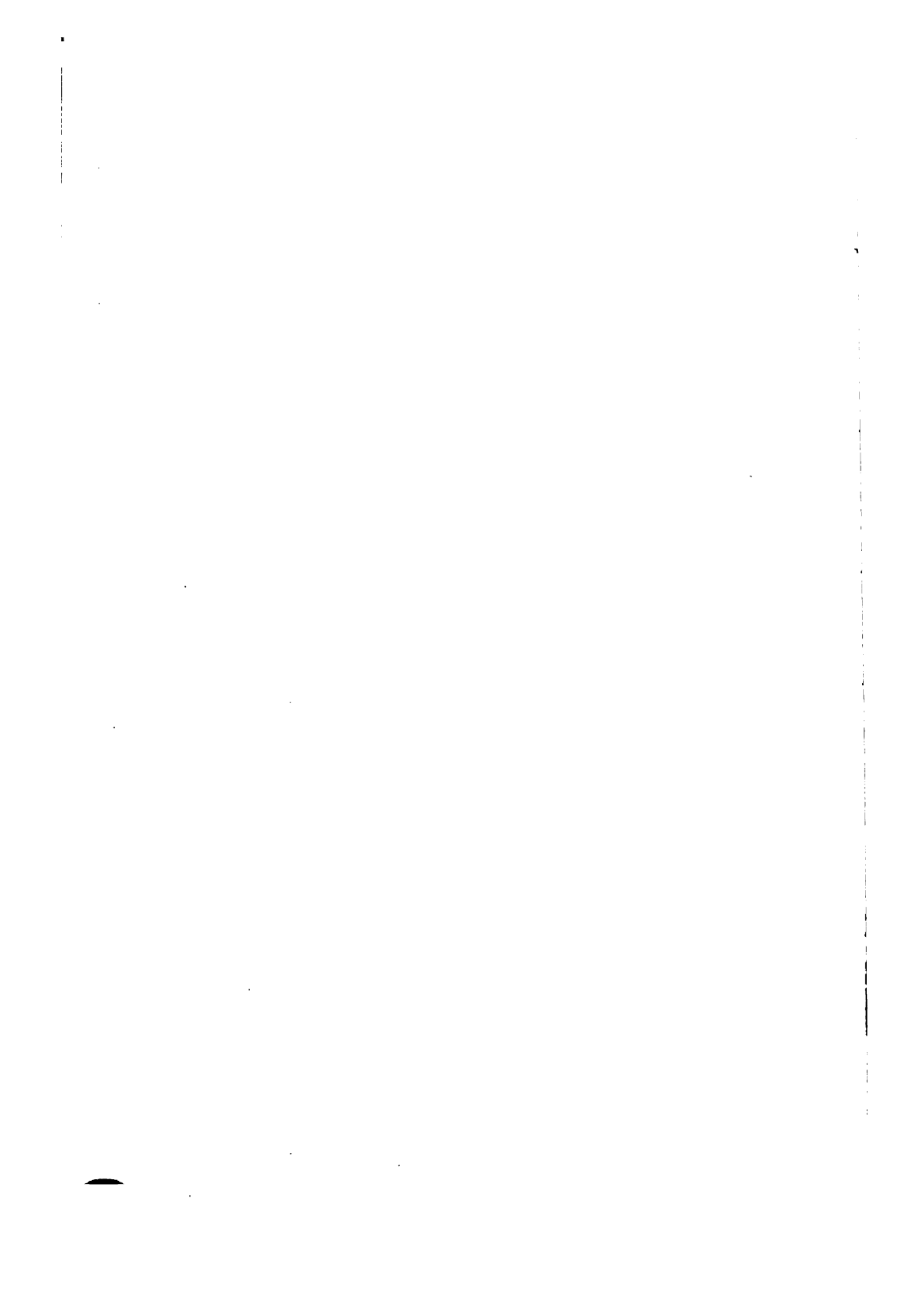
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 33 Wild, Prof. H. D.
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 43 Berkshire Hall
 42 Currier Hall
 51 East College
 63 Edward Clark Hall
 49 Fayerweather Hall
 70 Field Memorial Ob-
 servatory
 52 Goodrich Hall
 21A Grace Hall
 31 Griffin Hall
 53 Gymnasium
 17 Haystack Monument
 45 Heating Plant
 29 Hopkins Hall
 44 Hopkins Observatory
 16 Infirmary
 55 Jesup Hall
 50 Library
 54 Morgan Hall
 30 Thompson Chapel
 61 Thompson Biological
 Laboratory
 60 Thompson Chemical
 Laboratory
 56 Thompson Physical
 Laboratory
 64 West College
 13A Williams Hall
 62 Faculty Club
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 73A B. Θ. Π. House
 71 Δ. K. E. House
 5 Δ. T. House
 74 Z. Ψ. House
 13 Θ. Δ. X. House
 4 K. A. Lodge
 21 Σ. Φ. Place
 5A Φ. Γ. Δ. House
 72 Φ. Δ. Θ. House
 76 Φ. Σ. K. House
 71A X. Ψ. Lodge
 14A Ψ. T. House
 79 St. Anthony Hall
 40A Baptist Church
 20 Congregational Church
 11 Episcopal Church
 41 Methodist Church
 34 Roman Catholic Church
 47 The Cosmo
 6 Graylock Hotel
 75 Pilgrim Inn
 24 Williams Inn
 22 Williams Inn, Annex
 47A National Bank
 48 Post Office
 47A Savings Bank
 32 Street Railway
 Terminus
 76A Taconic Golf Club



CATALOGUE
OF
WILLIAMS COLLEGE

1915-1916



WILLIAMSTOWN, MASS.
PUBLISHED BY THE COLLEGE
1915

1915											
JULY											
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CALENDAR

1915-1916

1915

June 23—Commencement.....Wednesday
July 1—Last day for re-application for scholarships.....Thursday

SUMMER VACATION OF TWELVE WEEKS

Sept. 10-15—Examinations for admission.....Fri., Sat., Mon., Tues., Wed.
Sept. 14-16—Registration of all classes.....Tues., Wed., Thurs. forenoon
Sept. 16—Beginning of the College Year.....Thursday
Oct. 5—Last day for registering for the Master's degree.....Tuesday
Oct. 7—Meeting of the Board of Trustees.....Thursday
Oct. 13—Mountain Day, a holiday.....Wednesday
Nov. 24-27—Thanksgiving Recess.....Wednesday through Saturday
Dec. 22—Christmas Recess begins.....4:30 P. M. Wednesday

1916

Jan. 6—Christmas Recess ends.....8:15 A. M. Thursday
Jan. 17-22—Registration for the second semester.....Mon. through Sat.
Jan. 26—Recitations end.....Wednesday
Jan. 27—Semi-annual examinations begin.....Thursday
Feb. 5—First semester ends.....Saturday

Feb. 6—Second semester begins.....Sunday
Feb. 22—Washington's Birthday, a holiday.....Tuesday
Apr. 5—Spring Recess begins.....4:30 P. M. Wednesday
Apr. 13—Spring Recess ends.....7:45 A. M. Thursday
May 11—Meeting of the Board of Trustees.....Thursday
May 15-20—Registration for the following semester.....Mon. through Sat.
May 30—Memorial Day, a holiday.....Tuesday
June 3—Recitations end.....Saturday
June 5-14—Semi-annual examinations.....Monday through Wednesday
June 12-17—Examinations for admission.....Monday through Saturday
June 18—Baccalaureate Sermon.....Sunday forenoon
June 18—Mission Park Meeting.....Sunday afternoon
June 19—Meeting of the Board of Trustees.....Monday

WILLIAMS COLLEGE

June 19—Graves Prize Speaking.....	Monday forenoon
June 19—Prize Rhetorical Exhibition.....	Monday evening
June 20—Alumni Meeting.....	Tuesday forenoon
June 20—Class Day exercises.....	Tuesday afternoon
June 21—Commencement.....	Wednesday
July 1—Last day for re-application for scholarships.....	Saturday

SUMMER VACATION OF THIRTEEN WEEKS

Sept. 15-20—Examinations for admission.....	Fri., Sat., Mon., Tues., Wed.
Sept. 19-21—Registration of all classes.....	Tues., Wed., Thurs. forenoon
Sept. 21—Beginning of the College Year.....	Thursday
Oct. 5—Last day for registering for the Master's degree.....	Thursday
Oct. 5—Meeting of the Board of Trustees.....	Thursday

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† Absent on leave during the second semester.

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11

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Assistant Professor of Economics

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FRANCIS BOWES SAYRE, LL.B.		Fort Hoosac Place
	<i>Assistant to the President</i>	
PERRY ALVAN SMEDLEY		Grace Court
	<i>Superintendent of Grounds and Buildings</i>	
<hr style="width: 10%; margin: 10px auto;"/>		
CHRISTINE PRICE, B.S.		37 Southworth St.
	<i>Librarian in Charge</i>	
LUCY EUGENIA OSBORNE		37 Southworth St.
	<i>Library Assistant</i>	
CLARA BEETLE, B.S.		27 Southworth St.
	<i>Library Assistant</i>	
LUCY STATEN BELL, B.S.		27 Southworth St.
	<i>Library Assistant</i>	
MARIE FOSTER SMALLEY		18 Southworth St.
	<i>Library Assistant</i>	
HELEN MAY NETHERWOOD		North Adams
	<i>Stenographer</i>	
EMMA LOUISE NETHERWOOD		North Adams
	<i>Stenographer</i>	

FACULTY COMMITTEES

1915-1916

COMMITTEE ON ADMINISTRATION

THE PRESIDENT, *Chairman*

THE CHAIRMAN PRO TEMPORE OF THE FACULTY

THE DEAN OF THE COLLEGE

PROFESSOR MEARS

PROFESSOR CLELAND

PROFESSOR RUSSELL

PROFESSOR McELFRESH

ADVISORY COMMITTEE

THE PRESIDENT, *Chairman*

PROFESSOR HOWES

DEAN FERRY

PROFESSOR WETMORE

PROFESSOR SMITH

PROFESSOR TAYLOR

LIBRARY COUNCIL

THE PRESIDENT, *Chairman*

PROFESSOR CLARKE

THE LIBRARIAN

PROFESSOR GOODRICH

PROFESSOR REES

COMMITTEE ON ADMISSIONS

DEAN FERRY, *Chairman*

PROFESSOR WILD

PROFESSOR GOODRICH

PROFESSOR MAXCY

PROFESSOR WAHL

PROFESSOR HOWES

PROFESSOR TAYLOR

COMMITTEE ON SCHOLARSHIPS

PROFESSOR KELLOGG, *Chairman*

ASSISTANT PROFESSOR MEARS

ASSISTANT PROFESSOR SHEPARD

WILLIAMS COLLEGE

COMMITTEE ON CURRICULUM

PROFESSOR MAXCY, <i>Chairman</i>	PROFESSOR SMITH
PROFESSOR WAHL	PROFESSOR McELFRESH
PROFESSOR MORTON	PROFESSOR HARDY
ASSISTANT PROFESSOR GALBRAITH	

COMMITTEE ON PRIZES

PROFESSOR MILHAM, <i>Chairman</i>	PROFESSOR WESTON
ASSISTANT PROFESSOR CLARE	

COMMITTEE ON GRADUATE STUDENTS

PROFESSOR WETMORE, <i>Chairman</i>	PROFESSOR McLAREN
PROFESSOR PRATT	ASSISTANT PROFESSOR DICKERMAN

COMMITTEE ON ATHLETICS

(Faculty members of the Athletic Council)

PROFESSOR WILD, <i>Chairman</i>	PROFESSOR MAXCY
ASSISTANT PROFESSOR DOUGHTY	

COMMITTEE ON THE HONOR SYSTEM

PROFESSOR CLARKE, <i>Chairman</i>	PROFESSOR WESTON
PROFESSOR RUSSELL	ASSISTANT PROFESSOR ALLEN

WILLIAMS COLLEGE

The college owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows:

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

Whereas, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which, after divers bequests, devises, and dispositions, is contained the following clause, viz.:

Item: "It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever; provided, the said township shall fall within the jurisdiction of the Province of Massachusetts Bay; and provided, also, the Governor and General Court give the same township the name of Williamstown; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented that it may be a matter of doubt and uncertainty whether the township mentioned in the

above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the Province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in said town; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same.

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands, applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose;

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thompson Joseph Skinner, Esquires, the Reverends Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of "The Trustees of the donation of Ephraim Williams, Esq., for maintaining a Free School in Williamstown"; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number not less than seven, nor more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all votes, acts, orders, and pro-

ceedings made, done or passed by the trustees; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth; and whenever any of the above-mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged or perverted from its original intention;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interest of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted, that the said trustees and their successors forever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually

to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from time to time, receive from the Supreme Judicial Court; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation; all of which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the names of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promisors, mortgagors, or tenants, for recovering the contents of the same securities, or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donations should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and where there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown; and that all questions and disputes that may arise concerning

such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court; and the trustees shall always conform their conduct and administration herein to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School * * * not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building, the trustees sent a petition, August 19, 1788, to the legislature, "for the grant of a lottery to raise the sum of twelve hundred pounds." Accordingly an act was passed February 11, 1789, making such a grant.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several circumstances attending the situation of the Free School * * * peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the college and to transfer to it the property of the Free School was passed June 22, 1793:

AN ACT to establish a college in the County of Berkshire, within this Commonwealth, by the name of Williams College.

Be it enacted by the Senate and House of Representatives, in the General Court assembled, and by the authority of the same, that there be erected and

established in the town of Williamstown, in the County of Berkshire, a college for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate, as hereafter in this act provided.

And be it further enacted by the authority aforesaid, that John Bacon, Esq., Rev. Daniel Collins, Israel Jones, Woodbridge Little, David Noble, Theodore Sedgwick, Thompson J. Skinner, Esquires, Rev. Seth Swift, Henry Vanscaak, Esq., Rev. Stephen West, D.D., William Williams and Elijah Williams, Esquires, together with the president of the said college for the time being, to be chosen as in this act is hereafter directed, be and hereby are created a body politic and corporate, by the name of "The President and Trustees of Williams College," and that they and their successors, and such others as shall be duly elected members of the said corporation, shall be and remain a body politic and corporate, by that name forever.

And be it further enacted by the authority aforesaid, that for the more orderly conducting the business of the said corporation, The President and Trustees shall have full power and authority from time to time, as they shall determine, to elect a vice president and secretary of the said corporation and to declare the tenures and duties of their respective offices and also to remove any trustee from the said corporation, when, in their judgment, he shall be rendered incapable, by age or otherwise, of discharging the duties of his office or shall neglect or refuse to perform the same, and to fill up all vacancies in the said corporation, by electing such persons for trustees as they shall judge best. Provided, nevertheless, that the number of the said trustees, including the president of the said college, for the time being, shall never be greater than seventeen nor less than eleven.

And be it further enacted, that the said corporation may have one common seal, which they may change, break or renew, at their pleasure; and that all deeds signed and delivered by the treasurer, and sealed with their seal, by order of The President and Trustees, shall, when made in their corporate name, be considered in law as the deed of the said corporation; and that the said corporation may sue and be sued in all actions, real, personal or mixed, and may prosecute and defend the same to final judgment and execution, by the name of The President and Trustees of Williams College; and that the said corporation shall be capable of having, holding and taking in fee simple of any less estate, by gift, grant, devise or otherwise, any lands, tenements or other estate real or personal. Provided, nevertheless, that the annual clear income of the same shall not exceed the sum of six thousand pounds.

And be it further enacted by the authority aforesaid, that the said corporation shall have full power and authority to determine at what times and places their meetings shall be holden and in the manner of notifying the trustees to convene at such meetings; and also from time to time, elect a president and

treasurer of said college, and such professors, tutors, instructors, and other officers of said college as they shall judge most for the interest thereof, and to determine the duties, salaries, emoluments and tenures of their several officers aforesaid; the said president, for the time being, when elected and inducted into his office, to be, ex-officio, president of said corporation. And the said corporation are further empowered to purchase or erect, and to keep in repair, such houses and other buildings as they shall judge necessary for the said college; and also to make and ordain, as occasion may require, reasonable rules, orders and by-laws, not repugnant to the laws of this Commonwealth, with reasonable penalties, for the good government of the said college; and also to determine and prescribe the mode of ascertaining the qualifications of the students, requisite to their admission; and also to confer such degrees as are usually conferred by universities established for the education of youth. Provided, nevertheless, that no corporate business shall be transacted at any meeting, unless seven at least of the trustees are present; and provided further, that the said corporation shall confer no degree other than those of Bachelor of Arts and Master of Arts, until after the first day of January, which shall be in the year of our Lord one thousand eight hundred.

And be it further enacted by the authority aforesaid, that the clear rents, issues and profits of all the estates, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of said college, in such manner as shall most effectually promote virtue and piety, and the knowledge of such of the languages, and of the liberal arts and sciences as shall hereafter be directed from time to time, by the said corporation.

And be it further enacted by the authority aforesaid, that the Hon. Thompson J. Skinner, Esq., be, and he is hereby authorized and empowered to fix the time and place for holding the first meeting of the said corporation, of which he shall give notice by an advertisement in the Stockbridge newspapers, at least fourteen days previous thereto.

And be it further enacted by the authority aforesaid, that the treasurer of the said college shall, before he enter upon the execution of the duties of his office, give bonds to the said corporation, with such sums, and with such sureties as they shall approve of, conditioned for the faithful discharge of the said office, and for rendering a just and true account of his doings therein, when required. And that all the money, securities and other property of The President and Trustees of Williams College, together with all the books in which his accounts and proceedings as treasurer were entered and kept, that shall be in his hands at the expiration of his office, shall, upon demand made upon him, his executors or administrators, be paid and delivered over to his successor in that office. And all monies recovered by virtue of any suit at law, upon said bond, shall be paid over to the president and trustees aforesaid, and subjected to the appropriation above directed in this act.

And be it further enacted by the authority aforesaid, that the Legislature of this Commonwealth may grant any further powers to, or alter, limit, annul or restrain any of the powers by this act vested in said corporation, as shall be judged necessary to promote the best interest of the said college; and, more especially, may appoint and establish overseers or visitors of the said college, with all necessary powers and authorities for the better aid, preservation and government thereof.

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred and ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows:

Whereas, Doubts have arisen whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of Ephraim Williams, Esquire, for maintaining a Free School in Williamstown, are by virtue of the same act transferred to and vested in the corporation of The President and Trustees of Williams College:

Be it therefore enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of The President and Trustees of Williams College, who are hereby authorized to commence and prosecute to their final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of Ephraim Williams, Esquire, for maintaining a free school in Williamstown, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and

also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805:

The Committee of both Houses, to whom was referred the petition of The President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned would essentially promote the same; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following resolve:

Resolved, For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. * * *

In 1809 the legislature granted another township of land in Maine "for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act February 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful

WILLIAMS COLLEGE**COMMITTEE ON CURRICULUM**

PROFESSOR MAXCY, <i>Chairman</i>	PROFESSOR SMITH
PROFESSOR WAHL	PROFESSOR McELFRESH
PROFESSOR MORTON	PROFESSOR HARDY
ASSISTANT PROFESSOR GALBRAITH	

COMMITTEE ON PRIZES

PROFESSOR MILHAM, <i>Chairman</i>	PROFESSOR WESTON
ASSISTANT PROFESSOR CLARE	

COMMITTEE ON GRADUATE STUDENTS

PROFESSOR WETMORE, <i>Chairman</i>	PROFESSOR McLAREN
PROFESSOR PRATT	ASSISTANT PROFESSOR DICKERMAN

COMMITTEE ON ATHLETICS

(Faculty members of the Athletic Council)

PROFESSOR WILD, <i>Chairman</i>	PROFESSOR MAXCY
ASSISTANT PROFESSOR DOUGHTY	

COMMITTEE ON THE HONOR SYSTEM

PROFESSOR CLARKE, <i>Chairman</i>	PROFESSOR WESTON
PROFESSOR RUSSELL	ASSISTANT PROFESSOR ALLEN

WILLIAMS COLLEGE

The college owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows:

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

Whereas, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which, after divers bequests, devises, and dispositions, is contained the following clause, viz.:

Item: "It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever; provided, the said township shall fall within the jurisdiction of the Province of Massachusetts Bay; and provided, also, the Governor and General Court give the same township the name of Williamstown; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented that it may be a matter of doubt and uncertainty whether the township mentioned in the

ADMISSION

All correspondence in matters of admission should be addressed to the Chairman of the Committee on Admissions.

REQUIREMENTS FOR ADMISSION

An application for admission should be filed by every candidate not later than August 1st of the year in which he wishes to enter college. A blank for this purpose can be secured by addressing the Chairman of the Committee on Admissions.

Every candidate for admission must present a testimonial of good character from the principal under whom he was prepared for college. This must be submitted before the attendance on college exercises begins.

Candidates for admission to the Freshman class must present satisfactory qualifications in one of the following groups of subjects, the work covered by the subjects being given in detail in the pages following. Students admitted in any of the five admission groups are candidates for the degree of Bachelor of Arts.

ADMISSION GROUP I

English 1 and 2
Greek A, B, C, and G
History A
Latin 1, 2, 4, and 5
Mathematics A and C
An Elective

ADMISSION GROUP II

English 1 and 2
*French A and B
History A
Latin 1, 2, 4, and 5
Mathematics A and C
An Elective

* The passing of French B does not entitle to credit in French A. Both French A and French B must be passed.—See footnote, p. 46.

ADMISSION GROUP III

English 1 and 2
 *German A and B
 History A
 Latin 1, 2, 4, and 5
 Mathematics A and C
 An Elective

ADMISSION GROUP IV

English 1 and 2
 French A
 History A
 Latin 1, 2, 4, and 5
 Mathematics A, B, C, D, and F
 An Elective

ADMISSION GROUP V

English 1 and 2
 German A
 History A
 Latin 1, 2, 4, and 5
 Mathematics A, B, C, D, and F
 An Elective

The elective required may be chosen by the candidate from the following list, it being understood that no subject specified as a requirement of a particular admission group (like French A and French B in Admission Group II) may serve as the elective in that group.

CLASS A

Biology
 Botany
 Chemistry
 History B
 History C
 History D
 Physics
 Zoology

CLASS B

French A
 French B
 German A
 German B
 Mathematics B
 Mathematics D
 Mathematics F

The electives of Class A may be presented by certificate or by examination; those of Class B may be presented by examination only.

The number of year-hours required for graduation is sixty-two, if the candidate offers an elective of Class A; if he offers an elective of Class B, the number of hours required for graduation is reduced by one for Mathematics D or Mathematics F; by two

* The passing of German B does not entitle to credit in German A. Both German A and German B must be passed.—See footnote, p. 46.

for Mathematics *B*; and by three for French *A*, French *B*, German *A*, or German *B*. If a candidate offers two or more of the electives of Class *B* (selecting those not specifically required in his admission group), the requirement for graduation is diminished by the corresponding total number of hours. (See page 54.)

The details of the requirements in all subjects except Biology, Botany, Chemistry, and Zoölogy are given in the following pages. English includes in every case English *1* and *2*; Greek includes Greek *A*, *B*, *C*, and *G*; and Latin includes Latin *1*, *2*, *4*, and *5*.

The details of the requirements in Biology, Botany, Chemistry, and Zoölogy are to be found in the publications of the College Entrance Examination Board.

The notation used agrees with that of the College Entrance Examination Board.

DETAILS OF SUBJECTS

ENGLISH

REQUIREMENTS FOR 1915, 1916, 1917, 1918, AND 1919

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises may well comprise letter-writing, narration, description, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers

in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

READING

- A The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature by giving him a first-hand knowledge of some of the best specimens. He should read the books carefully, but his attention should not be so fixed upon details as to cause him to miss the main purpose and charm of what he reads.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made; except as otherwise provided under Group I.

Group I. Classics in Translation

The *Old Testament*, comprising at least the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, and *Daniel*, together with the books of *Ruth* and *Esther*; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; and the *Aeneid*.

The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted.

Group II. Shakespere

A Midsummer Night's Dream, *The Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*,

King John, Richard II, Richard III, Henry V, Coriolanus, Julius Caesar, Macbeth, Hamlet.

If either of the last three is selected for study under B, it may not be chosen as a requirement for reading.

Group III. Prose Fiction

Malory, *Morte d'Arthur* (at least 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *The Vicar of Wakefield*; Frances Burney, *Evelina*; Scott, one novel; Jane Austen, one novel; Maria Edgeworth, *Castle Rackrent* or *The Absentee*; Dickens, one novel; Thackeray, one novel; George Eliot, one novel; Mrs. Gaskell, *Cranford*; Kingsley, *Westward Ho!* or *Hereward, the Wake*; Reade, *The Cloister and the Hearth*; Blackmore, *Lorna Doone*; Hughes, *Tom Brown's School Days*; Stevenson, *Treasure Island* or *Kidnapped* or *The Master of Ballantrae*; Cooper, one novel; Poe, selected tales; Hawthorne, *The House of the Seven Gables*, or *Twice Told Tales* or *Mosses from an Old Manse*; a collection of short stories by various standard writers.

Group IV. Essays, Biography, etc.

Addison and Steele, *The Sir Roger de Coverley Papers* or selections from the *Tatler* and *Spectator* (200 pages); Boswell, selections from the *Life of Johnson* (200 pages); Franklin, *Autobiography*; Irving, selections from the *Sketch Book* (200 pages) or *Life of Goldsmith*; Southey, *Life of Nelson*; Lamb, selections from the *Essays of Elia* (100 pages); Lockhart, selections from the *Life of Scott* (200 pages); Thackeray, lectures on Swift, Addison and Steele in the *English Humourists*; Macaulay, any one of the following essays: *Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederick the Great, Madame d'Arblay*; Trevelyan, selections from the *Life of Macaulay* (200 pages); Ruskin, *Sesame and Lilies* or selections (150) pages; Dana, *Two Years Before the Mast*; Lincoln, selections, including at least the two inaugurals, the speeches in Independence Hall and at Gettysburg, the last public address, the letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail*; Thoreau, *Walden*; Lowell, selected essays (150 pages); Holmes, *The Autocrat of the Breakfast Table*; Stevenson, *An Inland Voyage* and *Travels with a Donkey*; Huxley, *Autobiography* and selections from *Lay Sermons*, including the

addresses on *Improving Natural Knowledge, A Liberal Education*, and *A Piece of Chalk*; a collection of essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of letters by various standard writers.

Group V. Poetry

Palgrave's *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village*; Pope, *The Rape of the Lock*; a collection of English and Scottish ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection for later ballads; Coleridge, *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott, *The Lady of the Lake* or *Marmion*; Macaulay, *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*; Tennyson, *The Princess* or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning, *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Phidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus*"—, *Instans Tyrannus*; Arnold, *Sohrab and Rustum* and *The Forsaken Merman*; selections from American poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

STUDY

- B** This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

Group I. Drama

Shakespeare's *Julius Cæsar*, *Macbeth*, *Hamlet*.

Group II. Poetry

Milton, *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson, *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

Group III. Oratory

Burke, *Speech on Conciliation with America*; Macaulay, two *Speeches on Copyright*; Lincoln, *Speech at Cooper Union*; Washington, *Farewell Address*; Webster, *First Bunker Hill Oration*.

Group IV. Essays

Carlyle, *Essay on Burns*, with a selection from Burns's *Poems*; Macaulay, *Life of Johnson*; Emerson, *Essay on Manners*.

EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

1. Grammar and Composition

In grammar and composition, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and such good usages of modern English as one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

2. Literature

The examination in literature will include:

A. General questions designed to test such knowledge and appreciation of literature as may be gained by fulfilling the

requirements defined under *A. Reading*, above. The candidate will be required to submit a list of the books read in preparation for the examination certified by the principal of the school in which he was prepared; but this list will not be made the basis of detailed questions.

B. A test on the books prescribed for study, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

A THE ELEMENTARY REQUIREMENT

The Aim of the Instruction. At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of everyday life or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar as defined below.

The Work to be done. During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the form and the principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent

abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and the use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and the subjunctive.

Suitable texts for the second year are: About's *Le roi des montagnes*, Bruno's *Le tour de la France*, Daudet's easier short tales, La Bédollière's *La Mère Michel et son chat*, Erckmann-Chatrian's stories, Foa's *Contes biographiques* and *Le petit Robinson de Paris*, Foncin's *Le pays de France*, Labiche and Martin's *La poudre aux yeux* and *Le voyage de M. Perrichon*, Legouvé and Labiche's *La cigale chez les fourmis*, Malot's *Sans famille*, Mairêt's *La tâche du petit Pierre*, Mérimée's *Colomba*, extracts from Michelet, Sarcey's *Le siège de Paris*, and Verne's stories. See footnote, p. 46.

B THE INTERMEDIATE REQUIREMENT

The Aim of the Instruction. At the end of the intermediate course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

The Work to be done. This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; and writing from dictation.

Suitable texts are: About's stories, Augier and Sandeau's *Le gendre de M. Poirier*, Béranger's poems, Corneille's *Le Cid* and *Horace*, Coppée's poems, Daudet's *La Belle Nivernaise*, La Brète's *Mon oncle et mon curé*, Madame de Sévigné's letters, Hugo's *Hernani* and *La chute*, Labioche's plays, Loti's *Pêcheur d'Islande*, Mignet's historical writings, Molière's *L'avare* and *Le bourgeois gentilhomme*, Racine's *Athalie*, *Andromaque*, and *Esther*, George Sand's plays and stories, Sandeau's *Mademoiselle de la Seiglière*, Scribe's plays, Thierry's *Récits des temps mérovingiens*, Thiers's *L'expédition de Bonaparte en Egypte*, Vigny's *La canne de jonc*, and Voltaire's historical writings.

GERMAN

A. THE ELEMENTARY REQUIREMENT

The Aim of the Instruction. At the end of the elementary course in German the pupil should be able to read at sight, and to translate, if called upon, by way of proving ability to read, a passage of very easy dialogue or narrative prose, help being given upon unusual words and constructions, to put into German short English sentences taken from the language of everyday life or based upon the text given for translation, and to answer questions upon the rudiments of grammar, as defined below.

The Work to be done. During the first year the work should comprise: (1) careful drill upon pronunciation; (2) the memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (5) the reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

During the second year the work should comprise: (1) the reading of from 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in the translation into German of easy variations upon the matter read and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of the grammar, directed to the ends of enabling the pupil, first, to use his knowledge with facility in the formation of sentences, and, secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen's *Märchen* and *Bilderbuch ohne Bilder*, Arnold's *Fritz auf Ferien*; Baumbach's *Die Nonna* and *Der Schwiegersohn*; Gerstäcker's *Germelshausen*; Heyse's *L'Arrab-*

biata, Das Mädchen von Treppi, and Anfang und Ende; Hillern's Höher als die Kirche; Jensen's Die Brauns Erica; Leander's Träumereien and Kleine Geschichten; Seidel's Märchen; Stökl's Unter dem Christbaum; Storm's Immensee and Geschichten aus der Tonne; and Zachokke's Der zerbrochene Krug.

Good plays adapted to the elementary course are much harder to find than good stories. Five-act plays are too long. They require more time than it is advisable to devote to any one test. Among shorter plays the best available are perhaps Benedix's *Der Prozess, Der Weiberfeind, and Günstige Vorzeichen*; Els's *Er ist nicht eifersüchtig*; Wichert's *An der Majorsecke*; and Wilhelm's *Einer muss heiraten*. It is recommended, however, that not more than one of these plays be read. The narrative style should predominate. A good selection of reading matter for the second year would be Andersen's *Märchen, or Bilderbuch*, or Leander's *Träumereien*, to the extent of, say, forty pages. After that such a story as *Das kalte Herz*; or *Der zerbrochene Krug*; then, *Höher als die Kirche*, or *Immensee*; next, a good story by Heyse, Baumbach, or Seidel; and lastly, *Der Prozess*. See footnote, p. 46.

B THE INTERMEDIATE REQUIREMENT

The Aim of the Instruction. At the end of the intermediate course the pupil should be able to read at sight German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word-formation, and to translate and explain (so far as explanation may be necessary) a passage of classical literature taken from some text previously studied.

The Work to be done. The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

The intermediate course is supposed to be the elementary course, plus one year's work at the rate of not less than four recitations a week. Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach's *Die Freiherren von Gemperlein*, Freytag's *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*—for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouque's *Undine*; Gerstäcker's *Irrfahrten*; Goethe's *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffmann's *Historische Erzählungen*; Lessing's *Minna von Barnhelm*; Meyer's *Gustav Adolfs Page*; Moser's *Der Bibliothekar*, Riehl's *Novellen*—for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der Stumme Ratsherr*, *Das Spielmannskind*; Rosegger's *Waldheimat*; Schiller's *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel's *Der Trompeter von Säckingen*; Uhland's poems; and Wildenbruch's *Das edle Blut*.

GREEK

- A 1 Greek Grammar.
2 Greek Composition. Translation into Greek of sentences based upon Xenophon's *Anabasis*, Books I and II.
- B Xenophon, *Anabasis*, Books I-IV.
- C Homer, *Iliad*, Books I-III (omitting II, 494-end), and the Homeric constructions, forms, and prosody.
- G Translation at sight of prose of no greater difficulty than Xenophon's *Anabasis*.

HISTORY

- A Ancient History comprising Greek History to the death of Alexander, and Roman to the death of Constantine. Oman's, Botsford's and Myer's *Histories of Greece*, and Botsford's and Myer's *Histories of Rome* are recommended. The related geography is also included.
Ancient History, as defined by the College Entrance Examination Board, extending to 814 A. D., will be accepted as an equivalent.
- B Mediæval and Modern History, from the death of Charlemagne to the present time. As text-books West's *Modern History* and Harding's *Essentials of Mediæval and Modern History* are recommended. Collateral reading and historical geography should form a part of the work in this subject.

The requirement for History B, as outlined by the College Entrance Examination Board, will be accepted.

C English History, as defined by the College Entrance Examination Board. Walker's *Essentials in English History*, Cheyney's *Short History of England*, and Andrew's *History of England*, are recommended.

D American History, as defined by the College Entrance Examination Board. Hart's *Essentials in American History*, Adams and Trent's *History of the United States*, Channing's *Students' History of the United States*, and McLaughlin's *History of the American Nation* are recommended.

LATIN

The following requirements in Latin are in accordance with the recommendations made by the Commission on College Entrance Requirements in Latin, October, 1909.

I AMOUNT AND RANGE OF THE READING REQUIRED

(1) The Latin reading, without regard to the prescription of particular authors and works, shall be not less in amount than Caesar, *Gallie War*, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, *Aeneid*, I-VI.

(2) The amount of reading specified above shall be selected by the schools from the following authors and works: Caesar (*Gallie War* and *Civil War*) and Nepos (*Lives*); Cicero (orations, letters, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics*, *Georgics*, and *Aeneid*) and Ovid (*Metamorphoses*, *Fasts*, and *Tristia*).

II SCOPE OF THE EXAMINATIONS

(1) *Translation at Sight*. Candidates will be examined in translation at sight of both prose and verse. In vocabulary, constructions, and range of ideas, the passages set will be suited to the preparation secured by the reading indicated above.

(2) *Prescribed Reading*. Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Vergil, *Aeneid*, I, II, and either IV or VI, at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight: and candidates must deal satisfactorily

with both these parts of the paper, or they will not be given credit for either part.

(3) *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

SUBJECTS FOR EXAMINATION

1. **GRAMMAR.** The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).
2. **ELEMENTARY COMPOSITION.** The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).
4. **CICERO** (orations for the Manilian Law and for Archias) and **SIGHT TRANSLATION OF PROSE.**
5. **VERGIL** (*Aeneid*, I, II, and either IV or VI, at the option of the candidate), and **SIGHT TRANSLATION OF POETRY.**

MATHEMATICS

A **ELEMENTARY ALGEBRA; ALGEBRA TO QUADRATICS AND BEYOND.**

A1 **ALGEBRA TO QUADRATICS.**

The four fundamental operations for rational algebraic expressions.

Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and the negative.

A2 **QUADRATICS AND BEYOND.**

Quadratic equations, both numerical and literal.

Simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations.

for Mathematics *B*; and by three for French *A*, French *B*, German *A*, or German *B*. If a candidate offers two or more of the electives of Class *B* (selecting those not specifically required in his admission group), the requirement for graduation is diminished by the corresponding total number of hours. (See page 54.)

The details of the requirements in all subjects except Biology, Botany, Chemistry, and Zoölogy are given in the following pages. English includes in every case English 1 and 2; Greek includes Greek *A*, *B*, *C*, and *G*; and Latin includes Latin 1, 2, 4, and 5.

The details of the requirements in Biology, Botany, Chemistry, and Zoölogy are to be found in the publications of the College Entrance Examination Board.

The notation used agrees with that of the College Entrance Examination Board.

DETAILS OF SUBJECTS

ENGLISH

REQUIREMENTS FOR 1915, 1916, 1917, 1918, AND 1919

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises may well comprise letter-writing, narration, description, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers

in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

READING

- A The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature by giving him a first-hand knowledge of some of the best specimens. He should read the books carefully, but his attention should not be so fixed upon details as to cause him to miss the main purpose and charm of what he reads.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made; except as otherwise provided under Group I.

Group I. Classics in Translation

The *Old Testament*, comprising at least the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, and *Daniel*, together with the books of *Ruth* and *Esther*; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; and the *Aeneid*.

The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted.

Group II. Shakespere

A Midsummer Night's Dream, *The Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*,

Group II. Poetry

Milton, *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson, *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

Group III. Oratory

Burke, *Speech on Conciliation with America*; Macaulay, two *Speeches on Copyright*; Lincoln, *Speech at Cooper Union*; Washington, *Farewell Address*; Webster, *First Bunker Hill Oration*.

Group IV. Essays

Carlyle, *Essay on Burns*, with a selection from Burns's *Poems*; Macaulay, *Life of Johnson*; Emerson, *Essay on Manners*.

EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

1. Grammar and Composition

In grammar and composition, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and such good usages of modern English as one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

2. Literature

The examination in literature will include:

A. General questions designed to test such knowledge and appreciation of literature as may be gained by fulfilling the

addresses on *Improving Natural Knowledge, A Liberal Education*, and *A Piece of Chalk*; a collection of essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of letters by various standard writers.

Group V. Poetry

Palgrave's *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village*; Pope, *The Rape of the Lock*; a collection of English and Scottish ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection for later ballads; Coleridge, *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott, *The Lady of the Lake* or *Marmion*; Macaulay, *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*; Tennyson, *The Princess* or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning, *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus*"—, *Instans Tyrannus*; Arnold, *Sohrab and Rustum* and *The Forsaken Merman*; selections from American poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

Study

- B** This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

Group I. Drama

Shakespeare's *Julius Caesar*, *Macbeth*, *Hamlet*.

Group II. Poetry

Milton, *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson, *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

Group III. Oratory

Burke, *Speech on Conciliation with America*; Macaulay, two *Speeches on Copyright*; Lincoln, *Speech at Cooper Union*; Washington, *Farewell Address*; Webster, *First Bunker Hill Oration*.

Group IV. Essays

Carlyle, *Essay on Burns*, with a selection from Burns's *Poems*; Macaulay, *Life of Johnson*; Emerson, *Essay on Manners*.

EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

1. Grammar and Composition

In grammar and composition, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and such good usages of modern English as one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

2. Literature

The examination in literature will include:

A. General questions designed to test such knowledge and appreciation of literature as may be gained by fulfilling the

requirements defined under A. *Reading*, above. The candidate will be required to submit a list of the books read in preparation for the examination certified by the principal of the school in which he was prepared; but this list will not be made the basis of detailed questions.

B. A test on the books prescribed for study, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

A THE ELEMENTARY REQUIREMENT

The Aim of the Instruction. At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of everyday life or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar as defined below.

The Work to be done. During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the form and the principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent

In order to prevent an interruption to studies which are to be continued in college, candidates are advised to reserve the following subjects for the final examinations: English 2, Greek C, Latin 4 or 5, and Mathematics A2 or C (or Mathematics B, D, and F, if the admission group is IV or V).

The time and places of the preliminary examinations, as well as the questions submitted, are the same as for the regular final examinations.

ADMISSION BY CERTIFICATE

Under certain conditions specified below, certificates made out on prescribed forms and signed by the principals of preparatory schools are accepted in place of examinations in Biology, Botany, Chemistry, English, Greek, History, Latin, Mathematics A, Mathematics C, Physics, and Zoölogy. Certificates will in no case be accepted for French A or B, German A or B, or Mathematics B, D, or F, or for the anticipation of any course of study offered in college.

No certificate in Mathematics A will be accepted for full credit unless accompanied by a statement that at least fifty regular recitation exercises have been devoted to Mathematics B or Mathematics F or to a review of Mathematics A during the last preparatory school year.

The certificates of the schools approved by the New England College Entrance Certificate Board are accepted, in accordance with the regulations of the college and subject to the rules of the Board, for admission to Williams College. Certificates are not accepted from any schools in New England which lack the approval of that Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Frank W. Nicolson, M.A., Wesleyan University, Middletown, Conn. Applications must be received by the Secretary before April 1st in order to be approved for the next college year.

Application for the certificate privilege for schools outside New England should be made by the principal on a blank pro-

GERMAN

A. THE ELEMENTARY REQUIREMENT

The Aim of the Instruction. At the end of the elementary course in German the pupil should be able to read at sight, and to translate, if called upon, by way of proving ability to read, a passage of very easy dialogue or narrative prose, help being given upon unusual words and constructions, to put into German short English sentences taken from the language of everyday life or based upon the text given for translation, and to answer questions upon the rudiments of grammar, as defined below.

The Work to be done. During the first year the work should comprise: (1) careful drill upon pronunciation; (2) the memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (5) the reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

During the second year the work should comprise: (1) the reading of from 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in the translation into German of easy variations upon the matter read and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of the grammar, directed to the ends of enabling the pupil, first, to use his knowledge with facility in the formation of sentences, and, secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen's *Märchen* and *Bilderbuch ohne Bilder*, Arnold's *Fritz auf Ferien*; Baumbach's *Die Nonna* and *Der Schwiegersohn*; Gerstäcker's *Germelshausen*; Heyse's *L'Arrab-*

biata, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern's *Höher als die Kirche*; Jensen's *Die Braune Erica*; Leander's *Träumereien* and *Kleine Geschichten*; Seidel's *Märchen*; Stökl's *Unter dem Christbaum*; Storm's *Immensee* and *Geschichten aus der Tonne*; and Zachokke's *Der zerbrochene Krug*.

Good plays adapted to the elementary course are much harder to find than good stories. Five-act plays are too long. They require more time than it is advisable to devote to any one test. Among shorter plays the best available are perhaps Benedix's *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Els's *Er ist nicht eifersüchtig*; Wichert's *An der Majorecke*; and Wilhelmi's *Einer muss heiraten*. It is recommended, however, that not more than one of these plays be read. The narrative style should predominate. A good selection of reading matter for the second year would be Andersen's *Märchen*, or *Bilderbuch*, or Leander's *Träumereien*, to the extent of, say, forty pages. After that such a story as *Das kalte Herz*; or *Der zerbrochene Krug*; then, *Höher als die Kirche*, or *Immensee*; next, a good story by Heyse, Baumbach, or Seidel; and lastly, *Der Prozess*. See footnote, p. 46.

B THE INTERMEDIATE REQUIREMENT

The Aim of the Instruction. At the end of the intermediate course the pupil should be able to read at sight German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word-formation, and to translate and explain (so far as explanation may be necessary) a passage of classical literature taken from some text previously studied.

The Work to be done. The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

The intermediate course is supposed to be the elementary course, plus one year's work at the rate of not less than four recitations a week. Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach's *Die Freiherren von Gemperlein*, Freytag's *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*—for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouque's *Undine*; Gerstäcker's *Irrfahrten*; Goethe's *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffmann's *Historische Erzählungen*; Lessing's *Minna von Barnhelm*; Meyer's *Gustav Adolfs Page*; Moser's *Der Bibliothekar*, Riehl's *Novellen*—for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der Stumme Ratsherr*, *Das Spielmannskind*; Rosegger's *Waldheimat*; Schiller's *Der Neffe als Onkel*, *Der Geisteseeher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel's *Der Trompeter von Säckingen*; Uhland's poems; and Wildenbruch's *Das edle Blut*.

GREEK

- A 1 Greek Grammar.
2 Greek Composition. Translation into Greek of sentences based upon Xenophon's *Anabasis*, Books I and II.
- B Xenophon, *Anabasis*, Books I–IV.
- C Homer, *Iliad*, Books I–III (omitting II, 494–end), and the Homeric constructions, forms, and prosody.
- G Translation at sight of prose of no greater difficulty than Xenophon's *Anabasis*.

HISTORY

- A Ancient History comprising Greek History to the death of Alexander, and Roman to the death of Constantine. Oman's, Botsford's and Myer's *Histories of Greece*, and Botsford's and Myer's *Histories of Rome* are recommended. The related geography is also included.
Ancient History, as defined by the College Entrance Examination Board, extending to 814 A. D., will be accepted as an equivalent.
- B Mediæval and Modern History, from the death of Charlemagne to the present time. As text-books West's *Modern History* and Harding's *Essentials of Mediæval and Modern History* are recommended. Collateral reading and historical geography should form a part of the work in this subject.

for Mathematics *B*; and by three for French *A*, French *B*, German *A*, or German *B*. If a candidate offers two or more of the electives of Class *B* (selecting those not specifically required in his admission group), the requirement for graduation is diminished by the corresponding total number of hours. (See page 54.)

The details of the requirements in all subjects except Biology, Botany, Chemistry, and Zoölogy are given in the following pages. English includes in every case English 1 and 2; Greek includes Greek *A*, *B*, *C*, and *G*; and Latin includes Latin 1, 2, 4, and 5.

The details of the requirements in Biology, Botany, Chemistry, and Zoölogy are to be found in the publications of the College Entrance Examination Board.

The notation used agrees with that of the College Entrance Examination Board.

DETAILS OF SUBJECTS

ENGLISH

REQUIREMENTS FOR 1915, 1916, 1917, 1918, AND 1919

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises may well comprise letter-writing, narration, description, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers

in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

READING

- A The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature by giving him a first-hand knowledge of some of the best specimens. He should read the books carefully, but his attention should not be so fixed upon details as to cause him to miss the main purpose and charm of what he reads.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made; except as otherwise provided under Group I.

Group I. Classics in Translation

The *Old Testament*, comprising at least the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, and *Daniel*, together with the books of *Ruth* and *Esther*; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; and the *Aeneid*.

The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted.

Group II. Shakespeare

A Midsummer Night's Dream, *The Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*,

King John, Richard II, Richard III, Henry V, Coriolanus, Julius Caesar, Macbeth, Hamlet.

If either of the last three is selected for study under B, it may not be chosen as a requirement for reading.

Group III. Prose Fiction

Malory, *Morte d'Arthur* (at least 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *The Vicar of Wakefield*; Frances Burney, *Evelina*; Scott, one novel; Jane Austen, one novel; Maria Edgeworth, *Castle Rackrent* or *The Absentee*; Dickens, one novel; Thackeray, one novel; George Eliot, one novel; Mrs. Gaskell, *Cranford*; Kingsley, *Westward Ho!* or *Hereward, the Wake*; Reade, *The Cloister and the Hearth*; Blackmore, *Lorna Doone*; Hughes, *Tom Brown's School Days*; Stevenson, *Treasure Island* or *Kidnapped* or *The Master of Ballantrae*; Cooper, one novel; Poe, selected tales; Hawthorne, *The House of the Seven Gables*, or *Twice Told Tales* or *Mosses from an Old Manse*; a collection of short stories by various standard writers.

Group IV. Essays, Biography, etc.

Addison and Steele, *The Sir Roger de Coverley Papers* or selections from the *Taller* and *Spectator* (200 pages); Boswell, selections from the *Life of Johnson* (200 pages); Franklin, *Autobiography*; Irving, selections from the *Sketch Book* (200 pages) or *Life of Goldsmith*; Southey, *Life of Nelson*; Lamb, selections from the *Essays of Elia* (100 pages); Lockhart, selections from the *Life of Scott* (200 pages); Thackeray, lectures on Swift, Addison and Steele in the *English Humourists*; Macaulay, any one of the following essays: *Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederick the Great, Madame d'Arblay*; Trevelyan, selections from the *Life of Macaulay* (200 pages); Ruskin, *Sesame and Lilies* or selections (150) pages; Dana, *Two Years Before the Mast*; Lincoln, selections, including at least the two inaugurals, the speeches in Independence Hall and at Gettysburg, the last public address, the letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail*; Thoreau, *Walden*; Lowell, selected essays (150 pages); Holmes, *The Autocrat of the Breakfast Table*; Stevenson, *An Inland Voyage* and *Travels with a Donkey*; Huxley, *Autobiography* and selections from *Lay Sermons*, including the

addresses on *Improving Natural Knowledge, A Liberal Education*, and *A Piece of Chalk*; a collection of essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of letters by various standard writers.

Group V. Poetry

Palgrave's *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village*; Pope, *The Rape of the Lock*; a collection of English and Scottish ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection for later ballads; Coleridge, *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott, *The Lady of the Lake* or *Marmion*; Macaulay, *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*; Tennyson, *The Princess* or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning, *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus*"—, *Instans Tyrannus*; Arnold, *Sohrab and Rustum* and *The Forsaken Merman*; selections from American poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

STUDY

- B** This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

Group I. Drama

Shakespeare's *Julius Caesar*, *Macbeth*, *Hamlet*.

GROUPS OF HOURS

ARRANGED ACCORDING TO TIME:

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
8:00	g	D,d	D,d	A,s	g	A,s
9:00	h	E,e	E,e	B,b	h	B,b
10:00	i	F,f	F,f	C,c	i	C,c
11:00	j	k	j	k	j	k
1:00	A,s	A	g	D	D,d	
2:00	B,b	B	h	E	E,e	
3:00	C,c	C	i	F	F,f	

ARRANGED ACCORDING TO LETTERS:

Group A	M. Tu. 1:00-2:00, Th. S. 8:00-9:00	Group d	Tu. W. 8:00-9:00, F. 1:00-2:00
Group B	M. Tu. 2:00-3:00, Th. S. 9:00-10:00	Group e	Tu. W. 9:00-10:00, F. 2:00-3:00
Group C	M. Tu. 3:00-4:00, Th. S. 10:00-11:00	Group f	Tu. W. 10:00-11:00, F. 3:00-4:00
Group D	Tu. W. 8:00-9:00, Th. F. 1:00-2:00	Group g	M. F. 8:00-9:00, W. 1:00-2:00
Group E	Tu. W. 9:00-10:00, Th. F. 2:00-3:00	Group h	M. F. 9:00-10:00, W. 2:00-3:00
Group F	Tu. W. 10:00-11:00, Th. F. 3:00-4:00	Group i	M. F. 10:00-11:00, W. 3:00-4:00
Group a	M. 1:00-2:00, Th. S. 8:00-9:00	Group j	M. W. F. 11:00-12:00
Group b	M. 2:00-3:00, Th. S. 9:00-10:00	Group k	Tu. Th. S. 11:00-12:00
Group c	M. 3:00-4:00, Th. S. 10:00-11:00		

The groups of no two small letters conflict, and the groups of no two large letters conflict.

Group a conflicts with group A, group b conflicts with group B, etc.

Note:—Between the Thanksgiving recess and the Spring recess, the exercises will be held regularly one-half hour later than the above schedule indicates.

EXHIBIT OF FRESHMAN STUDIES

The following exhibit of studies indicates the courses of instruction that are offered to Freshmen. The studies of the Freshman year are prescribed, except that there is an option between French and German for students in Admission Group I.

The amounts of French and German which students entering by the various admission groups must have completed before graduation are as follows: Admission Group I, French 1-2, or German 1-2; Admission Group II, French 1-2, 3-4, and 5-6 and German 1-2; Admission Group III, French 1-2 and German 1-2, 3-4, and 5-6; Admission Group IV, French 1-2 and 3-4 and German 1-2; Admission Group V, French 1-2 and German 1-2 and 3-4.

The admission groups are arranged according to the different terms of admission stated on pp. 28, 29. The unenclosed figures refer to the courses of instruction as announced by the departments in the catalogue and the figures in parentheses indicate the number of exercises per week in each course.

FRESHMAN YEAR—REQUIRED COURSES

ADMISSION GROUP	ADMISSION GROUP	ADMISSION GROUP	ADMISSION GROUP	ADMISSION GROUP
I	II	III	IV	V
{ French 1-2 or German 1-2 (3) Greek 1-2 (4) Latin 1-2 (3) Mathematics 1-2 (4) Rhetoric 1-2 (2)	French 5-6 German 1-2 (4) Latin 1-2 (3) Mathematics 1-2 (4) Rhetoric 1-2 (2)	French 1-2 (3) German 5-6 (4) Latin 1-2 (3) Mathematics 1-2 (4) Rhetoric 1-2 (2)	French 3-4 (3) German 1-2 (3) Latin 1-2 (3) Mathematics 3-4 (4) Rhetoric 1-2 (2)	French 1-2 (3) German 3-4 (3) Latin 1-2 (3) Mathematics 3-4 (4) Rhetoric 1-2 (2)
16	16	16	15	15
Hygiene and Physical Training Public Speaking	Hygiene and Physical Training Public Speaking	Hygiene and Physical Training Public Speaking	Hygiene and Physical Training Public Speaking	Hygiene and Physical Training Public Speaking

EXHIBIT OF DIVISIONS AND GROUPS

Odd numbers refer to the first semester, even numbers to the second semester. Year-courses have their two semester numerals joined by a hyphen.

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
I	GREEK	{ Greek 1-2	Greek 3-4	a. Greek 5-6 b. Latin 3-4 c. Greek 11-History 12	Greek 7 Greek 8 Greek 9 Greek 10 Latin 5-6 Latin 7 Latin 8
	LATIN	{ Latin 1-2	Latin 2-4	a. Latin 5-6 b. Greek 2-4 (German* for non-Greek men) c. Greek 11-History 12	Latin 7 Latin 8 Greek 5-6 Greek 7 Greek 8 Greek 9 Greek 10
	FRENCH	{ French*	French*	a. French* b. Italian 1-2 c. History 1-2 (History 5-6)	French* Italian 3-4 Spanish 1-2
	GERMAN	{ German*	German*	a. German* b. Literature 9-10 c. History 1-2 (History 5-6)	German* German*

* The modern language courses of Freshman year in the French and German groups will be determined by the admission record of the student. The modern language courses after Freshman year will follow in sequence. See announcements of the departments of German and Romance Languages.

II	ENGLISH	Rhetoric 1-3	Literature 1- Rhetoric 4	a. Literature 2-4 b. Literature 5-6 c. Rhetoric 5-6	Literature 2 Literature 8 Literature 9-10 Literature 11 History 5-6 History 7 History 8 History 10 Greek 11- History 12 Economics 3 Economics 4 Economics 5 Economics 6 Philosophy 3 Philosophy 4 Philosophy 5 Philosophy 6 Philosophy 7 Philosophy 8	Literature 12 Literature 13 Rhetoric 7 Economics 8 Government 3 Government 4 Government 5 Government 6 Government 7 Government 8 Government 9 Government 10
		History 1-2		a. History 2-4 b. Economics 1-2 c. Government 1-3		
III	PHILOSOPHY			a. Philosophy 1-2 b. Religion 1-2 c. Art 1-2		Religion 3-4 Religion 5 Religion 6 Art 3 Art 4
	MATHEMATICS	Mathematics 1-2	Mathematics 3-4	a. Mathematics 5-6 b. Mathematics 7-8 c. Physics 1-2	Mathematics 9 Mathematics 10 Physics 3-4 Physics 5-6 Physics 7 Chemistry 3-4 Chemistry 5 Chemistry 6 Chemistry 7 Chemistry 8 Chemistry 9 Chemistry 10	Physics 5-6 Physics 7 Physics 8 Chemistry 3-4 Chemistry 5 Chemistry 6 Chemistry 7 Chemistry 8 Chemistry 9 Chemistry 10
		Physics 1-2	Physics 1-2	a. Physics 2-4 b. Mathematics 3-4 c. Chemistry 1-2	Physics 5-6 Physics 7 Physics 8 Mathematics 5-6 Mathematics 7-8 Mathematics 9 Mathematics 10	Physics 5-6 Physics 7 Physics 8 Chemistry 3-4 Chemistry 5 Chemistry 6 Chemistry 7 Chemistry 8 Chemistry 9 Chemistry 10
	CHEMISTRY				Chemistry 5 Chemistry 6 Chemistry 7 Chemistry 8 Chemistry 9 Chemistry 10 Physics 3-4	Physics 5-6 Physics 7 Physics 8 Chemistry 3-4 Chemistry 5 Chemistry 6 Chemistry 7 Chemistry 8 Chemistry 9 Chemistry 10
		Chemistry 1-Chemistry 2	Chemistry 1-Chemistry 2	a. Chemistry 3-4 b. Physics 1-2 c. Geology 1-2		Physics 5-6 Physics 7 Physics 8 Chemistry 3-4 Chemistry 5 Chemistry 6 Chemistry 7 Chemistry 8 Chemistry 9 Chemistry 10
	BIOLOGY				Chemistry 5 Chemistry 6 Chemistry 7 Chemistry 8 Chemistry 9 Chemistry 10 Physics 3-4	Physics 5-6 Physics 7 Physics 8 Chemistry 3-4 Chemistry 5 Chemistry 6 Chemistry 7 Chemistry 8 Chemistry 9 Chemistry 10
		Chemistry 1-Biology 2	Chemistry 1-Biology 2	a. Biology 3-4 b. Biology 5-6 c. Geology 1-2	Biology 7-8 Biology 9 Physiology 1 Physiology 2	Geology 3 Geology 4 Geology 5 Geology 6 Geology 7 Geology 8 Geology 9 Geology 10
	SPECIAL SUBJECT NOT PART OF MAJOR GROUPS					
		Astronomy	Physics 1-2	Astronomy 1-2	Astronomy 3	Astronomy 4

COURSES OF INSTRUCTION

DIVISION I

GREEK

Professor HOWES, Assistant Professor CLARK, Assistant Professor DICKERMAN, Assistant Professor GALBRAITH, and Mr. DAME.

*GREEK 1-2. *Selections from Herodotus*. Attention is given to a review of Greek forms and syntax, with reference to Goodwin's *Greek Grammar*.

Lysias. Special attention is given to the political and social allusions which abound in the orations of Lysias.

New Testament Greek. The gospel of *Mark* and parts of the other gospels.

Homer. The *Phaeacian Episode* of the *Odyssey*. Some of the principal Homeric questions are discussed. The instructor gives to the class several readings from portions of the poem not prescribed for the daily work.

Required course for Freshmen in Admission Group I.

Four hours a week through the year.

Professor HOWES and Assistant Professors DICKERMAN and GALBRAITH.

GREEK 3-4. *Plato, Xenophon, and Greek Drama*.

Greek 3. Plato and Xenophon. Plato's *Apology* and *Crito* and selections from Xenophon's *Memorabilia* are read by the class. There is some discussion of the earlier Greek philosophy and of the philosophy of Plato.

The first semester.

Assistant Professor DICKERMAN.

Greek 4. Greek Drama. *Aristophanes, Sophocles, and Euripides*.

The first part of the work in the drama is devoted to Greek comedy; the *Clouds* of Aristophanes and selections from the *Birds* and the *Frogs* are read. Later the *Medea* of Euripides and the *Antigone* of Sophocles are read.

*For convenience, the first semester of *Greek 1-2* may be called *Greek 1*, the second semester, *Greek 2*, etc. But, in all such cases, the work of the two semesters together constitutes an integral, indivisible year-course.

by the class, chiefly from the literary point of view. Attention is given to the influence of the Greek drama on later literature and to comparisons with the modern stage.

The second semester.

Assistant Professor GALBRAITH.

Sophomore elective course; prerequisite, *Greek 1-2*.

Four hours a week through the year.

GREEK 5-6. *Demosthenes, Homer, and Lyric Poetry.*

Greek 5. Demosthenes. It is planned to read the following orations of Demosthenes:—*Olynthiacs I, III, Philippics I, II, III, On the Peace, On the Chersonese*, and as much of the oration *On the Crown* as circumstances permit. The literary and historical aspects of the orations are studied with some care.

The first semester.

Assistant Professor GALBRAITH.

Greek 6. Homer and the Lyric Poets. Considerable portions of the *Iliad* are read, the aim being to gain an acquaintance with the poem as a whole. The development of Greek poetry up to the fifth century is traced in a study of the more important *lyric fragments*.

Assistant Professor DICKERMAN.

The second semester.

Junior elective course; prerequisite, *Greek 3-4*.

Three hours a week through the year.

GREEK 7. *Thucydides and Plato.* The account of the Sicilian expedition in Books VI and VII of Thucydides is read, together with some other portions of his history. Some of the minor dialogues of Plato are read.

Senior elective course; prerequisite, *Greek 5-6*.

Three hours a week during the first semester.

Mr. DAME.

GREEK 8. *Aeschylus and Sophocles.* The *Prometheus* of Aeschylus and the *Oedipus Rex* of Sophocles are read.

Theocritus. The course ends with the reading of the best of the *Idyls* of Theocritus.

Senior elective course; prerequisite, *Greek 5-6*.

Three hours a week during the second semester.

Professor HOWES.

GREEK ARCHÆOLOGY. To students in *Greek 7* and *Greek 8* there is offered an additional exercise weekly in the reading of Greek inscriptions and the study of Greek vase-painting, sculpture, coins, etc.

One hour a week through the year.

Assistant Professor DICKERMAN.

GREEK 9. *Greek Literature.* Some of the masterpieces of Greek literature are read, in translation, both in the classroom and as assigned reading. The instructor gives a brief account of the lives of the authors whose works are read, and traces the origin and development of the various forms of literature. No knowledge of Greek is required.

Senior elective course; prerequisite, *Greek 3-4* or *Latin 5-6*.

Three hours a week during the first semester.

Professor HOWES.

GREEK 10. *Life of the Ancient Greeks.* Described and illustrated by the aid of literature and of the monuments. Informal lectures are given by the instructor, while members of the course report regularly the results of reading and investigation assigned to them. No knowledge of Greek is required.

Senior elective course; prerequisite, *Greek 3-4* or *Latin 5-6*.

Three hours a week during the second semester.

Professor HOWES.

GREEK 11-HISTORY 12. *Greek 11* and *History 12* constitute a Senior year course. See *History 12*.

Greek 11. Greek History. The social, political, and military history of the Greek world, from the origins of the cities to the Roman conquest. Greek democracies, especially at Athens, Syracuse, and Tarentum; Alexander, and the Hellenistic kingdoms; the federal unions; and the republic of Rhodes. Attention is given to the social and political theory of the Greeks.

Reading, lectures, quizzes, and written work.

The required reading in this course is in English only, but consultation of the Greek sources is encouraged.

Special instruction is offered, if desired, to prospective teachers, or to any students wishing to attempt some original investigation, but the course aims primarily to trace for the general student the progress of Hellenic civilization, with emphasis upon its abiding influences on later times.

Senior elective course; prerequisite, *History 3-4*; or *Greek 3-4* or *Latin 3-4* for students majoring in Greek or Latin.

Three hours a week during the first semester.

Assistant Professor CLARK.

LATIN

Professor WILD, Professor HOWES, Professor WETMORE, Assistant Professor GALBRAITH, and Mr. DAME.

LATIN 1-2. *Livy.* Selections from the Third Decade are read in a text edition. The chief aim is to develop the preparatory training of the student

into power to read Latin literature with appreciation. There is frequent practice in reading at sight. Assignments are given for collateral reading in the history of the Punic Wars.

Selections from Latin Poets. Cicero. The work of the second semester includes selections from the Latin Poets, and the *De Senectute* of Cicero, with sight reading from the *De Amicitia*.

Mackail's *Latin Literature* is used throughout the year.

Freshman required course.

Three hours a week through the year.

Professor WILD, Professor HOWES, Professor WETMORE,
Assistant Professor GALBRAITH, and Mr. DAME.

LATIN 3-4. *Latin Comedy, Private Life of the Romans, Tacitus, and Horace.*

Latin 3. Latin Comedy. The primary aim in this part of the course is to trace the development of Latin Comedy, and to study its spirit as shown in the plays of Plautus and Terence. The *Captivi* and the *Trinummus* of Plautus, and the *Adelphoe* of Terence are read carefully, and other plays are read either at sight or as translated by the instructor.

Private Life of the Romans. One exercise a week is devoted to the study of Roman life and customs, with illustrations by means of lantern slides and other material.

The first semester.

Professor WILD.

Latin 4. Tacitus and Horace. The reading work of the second semester is divided between the works of Tacitus and the *Odes* of Horace. The reading in Tacitus includes the *Agricola* and the first twenty-seven chapters of the *Germania*. If possible, several of Horace's *Satires* are read during this part of the course.

In connection with the *Odes* of Horace some attention is paid to the English lyric, involving the preparation of careful translations from the Latin and a comparison of the better known English versions. The student is encouraged to commit to memory some of the famous passages from the *Odes*.

The second semester.

Professor HOWES and Assistant Professor GALBRAITH.

Sophomore elective course; prerequisite, *Latin 1-2*.

Four hours a week through the year.

LATIN 5-6. *Vergil, Catullus, and Rapid Reading.*

Latin 5. Vergil. The object of this part of the course is to give the student a thorough knowledge and a high appreciation of the works of Vergil. To this end the *Eclogues* and the first six books of the *Aeneid* are rapidly re-

viewed, while a series of lectures is being given on the life and times of Vergil, his motives, sources, art, and influence on the later literature, as well as on his so-called minor poems included in the *Appendix Vergiliana* and on the mediæval conception of Vergil.

About two-thirds of the semester is devoted to reading the *Georgics* and the last six books of the *Aeneid*. The technical parts of the *Georgics* are entirely omitted, only the poetical episodes being read. The last six books of the *Aeneid* are read, partly by the entire class in regular assignments, and partly by individual assignments and reading at sight.

Early in the course a large number of topics for original investigation and criticism in connection with the student's daily reading are suggested. Every man is expected to select one of these topics and prepare a paper to be read before the class.

The first semester.

Professor WETMORE.

Latin 6. Catullus and Rapid Reading of Prose Authors. The greater part of Catullus is read. Passages from any source tending to throw light on the interpretation of the poet are read at sight.

The work of the second half of the semester consists of the rapid reading of the *Jugurtha* of Sallust and the *Letters* of Pliny. The aim is to cultivate an appreciation of Latin literature and facility in grasping the thought immediately through the language.

The second semester.

Professor WETMORE and Mr. DAME.

Junior elective course; prerequisite, *Latin 5-6*.

Three hours a week through the year.

LATIN 7 and LATIN 8. It is the aim in these courses to give a general survey of Latin literature from the earliest period down to the third century. The plan involves (1) a reading of selected portions of the most important authors, especially those not included in the other courses, and (2) informal lectures upon the rise and development of the various forms of literature, with such notice of the authors and their works as shall help to assign them their place in literature.

Latin 7. A Brief Survey of Latin Literature from the Earliest Period to the End of the Augustan Period.

Senior elective course; prerequisite, *Latin 5-6*.

Three hours a week during the first semester.

Professor HOWES.

Latin 8. *A Brief Survey of Latin Literature from the End of the Augustan Period to the Third Century.*

Senior elective course; prerequisite, *Latin 5-6*.

Three hours a week during the second semester.

Professor WILD.

LATIN COMPOSITION. To those who intend to become teachers of Latin there is open in connection with *Latin 7* and *Latin 8* an additional course of one hour a week in advanced Latin composition.

Professor WILD.

[**LATIN 20.** *The Letters of Cicero and of Pliny.* This is mainly a literary course in which the most interesting and important letters of the two authors are read. There is constant work at sight and reading of Latin without translation. It is also the aim of the course to give the student a clear idea of Cicero and of Pliny as men and of their relations to their times.

Limited Freshman course, open to those who have credit in *Mathematics D* and *F*.

Three hours a week during the second semester.

Omitted in 1915-1916.

Professor WETMORE.]

For *Roman History*, see *History 12*.

ROMANCE LANGUAGES

Professor TAYLOR, Assistant Professor RICE, Dr. CHETDLBUR,
and Mr. PLAISANCE.

FRENCH

FRENCH 1-2. *Elementary French.* This course includes the study of grammar and composition, and the reading of modern French. The class is arranged in small divisions so that each student may receive individual attention and adequate training in pronunciation and the use of conversational French. Special attention is given to dictation.

Optional with *German 1-2* for Freshmen in Admission Group I who enter without a modern language. Required of students in Admission Groups III and V who do not offer *French A* for admission.

Three hours a week through the year.

Professor TAYLOR and Dr. CHETDLBUR.

FRENCH 3-4. *Intermediate French.* This course continues all the work of *French 1-2*. Standard authors are read and the use of the spoken language is increased.

Prerequisite, *French 1-2* or *Admission French A*.

Three hours a week through the year.

Assistant Professor RICE and Mr. PLAISANCE.

FRENCH 5-6. *Advanced French.* A rapid survey of the whole of French literature, using *Histoire illustrée de la Littérature Française* by Abry, Audic et Crouzet, Didier, Paris. Standard prose will be read. Throughout the year composition, dictation and practice in spoken French. This course is open to those who have completed *French 3-4*, and is required of Freshmen entering in Admission Group II.

Prerequisite, *French 3-4* or *Admission French B*.

Four hours a week through the year.

Professor TAYLOR and Dr. CHEYDLEUR.

FRENCH 7-8. *The French Drama.* A study of the French Drama from Corneille to the contemporary period, with special emphasis upon the works of the nineteenth century. The course includes reading, lectures, composition, and oral practice. The course is conducted in French.

Prerequisite, *French 5-6*.

Four hours a week through the year.

Mr. PLAISANCE.

FRENCH 9-10. *The French Novel.* A study of the French Novel in the nineteenth century preceded by a short survey of the early development of fiction and the history of its evolution during the seventeenth and eighteenth centuries. The course is conducted in French. Outside reading is assigned.

Prerequisite, *French 7-8*.

Three hours a week through the year.

Assistant Professor RICE.

FRENCH 11-12. *French Literature of the Sixteenth and Seventeenth centuries,* preceded by a survey of the literature of the Middle Ages. Lectures, reading and reports.

Prerequisite, *French 9-10*.

Three hours a week through the year.

Professor TAYLOR.

ITALIAN

ITALIAN 1-2. *Elementary grammar and reading of classical and modern Italian.* This course includes a practical training in Italian grammar and composition, and the reading of standard works of literature.

Junior elective course; prerequisite, *French 3-4*.

Three hours a week through the year.

Assistant Professor RICE.

ITALIAN 3-4. This course continues the work of *Italian 1-2*. Different typical forms of Italian literature are read and discussed, with emphasis on the modern period. Practice will be given in conversation and in composition.

Senior elective course; prerequisite, *Italian 1-2*.

Three hours a week through the year.

Assistant Professor RICE.

SPANISH

SPANISH 1-2. *Elementary grammar and reading of classical and modern Spanish.* This course includes a practical training in Spanish grammar and composition, and the reading of standard works of literature.

Senior elective course; prerequisite, *French 5-6* or *Italian 1-2*.

Three hours a week through the year.

Assistant Professor RICE.

GERMAN

Professor WAHL, Assistant Professor JOHNSON, Mr. HEWITT, and Mr. HILDRETH.

GERMAN 1-2. *Elementary German.* This is a course in grammar, composition, and the reading of narrative prose and some lyrics, also memorizing of poetry. Oral use of the language is introduced gradually, and special attention is paid to pronunciation in the small sections into which the class is divided.

Optional with *French 1-2* for Freshmen in Admission Group I who enter without a modern language. Required of students in Admission Groups II and IV who do not offer *German A* for entrance, and elective for all others.

Three hours a week through the year.

Assistant Professor JOHNSON, Mr. HEWITT and Mr. HILDRETH.

GERMAN 3-4. *Intermediate German*. This course is intended to give the student a fair reading knowledge of the language. Modern novels are read during the first semester, and Schiller's *Wilhelm Tell* and Lessing's *Minna von Barnhelm* during the second semester. Thomas's Grammar is used for reference, and the work in composition is continued.

Prerequisite, *German 1-2* or *Admission German A*.

Three hours a week through the year.

Assistant Professor JOHNSON, Mr. HEWITT and Mr. HILDRETH.

GERMAN 5-6. *Advanced German*. This course is devoted to the reading and interpretation of Goethe's *Egmont*, Schiller's *Abfall der Niederlande* and selections from his *Gedichte*, also Lessing's *Emilia Galotti* in the first semester. In the second semester Schiller's *Wallenstein* and *Geschichte des Dreissigjährigen Krieges* are read and discussed. It is conducted as far as practicable in German, and includes composition, dictation, and lectures.

Prerequisite, *German 3-4* or *Admission German B*; students admitted with *German BC** take *German 6* only.

Four hours a week through the year.

Mr. HEWITT and Mr. HILDRETH.

GERMAN 7-8. *Nineteenth Century Literature*. In this course representative dramas and novels of the nineteenth century are read and discussed. It deals with a study of the various literary movements of the period and with such authors as Hoffmann, Kleist, Koerner, Grillparzer, Hauff, Hebbel, Ludwig, Keller, Wildenbruch, Hauptmann and Sudermann. It is conducted almost entirely in German and includes also composition, collateral reading, and lectures in German.

Prerequisite, *German 5-6*.

Four hours a week through the year.

Assistant Professor JOHNSON.

GERMAN 9-10. *Faust*. This course is devoted to the study of Goethe's *Faust* (Parts I and II). It includes collateral reading of other works of the poet, together with a study of his life and character, also lectures in German.

Prerequisite, *German 7-8*.

Three hours a week through the year.

Professor WAHL.

*See requirements of College Entrance Examination Board.

GERMAN 11-12. *Luther to Classic Period.* The study of German civilization and culture during the first centuries of modern German history is pursued in this course by reading selections from the literature of this time, also some of Freytag's historical novels and essays as well as other literature illustrative of German life during this epoch. The course is conducted in German and includes lectures in German.

Prerequisite, *German 9-10.*

Three hours a week through the year.

Professor WAHL.

GERMAN 13-14. *Specialized Reading.* This course deals, during the first semester, with Bismarck's speeches and correspondence as the basis for a study of his life, character, and political career; also with the reading of essays on the constitution and economic life of the new German Empire he created. During the second semester other authoritative German sources dealing with subjects in which the members of the course desire to specialize, are read and discussed. The course is conducted in German, includes lectures in German, and may serve as preparation for graduate work.

Prerequisite, *German 9-10.*

Three hours a week through the year.

Professor WAHL.

DIVISION II

ENGLISH

Professor MAXCY, Professor REES, Assistant Professor ALLEN, Assistant Professor DUTTON, and Assistant Professor LICKLIDER.

RHETORIC

RHETORIC 1-2. *Rhetoric and Composition*. The work of the course is two-fold: (1) to develop in the student the power of thought, through contact with the work of Newman, Arnold, Huxley, and Carlyle; and (2) to train him in the correct expression of his ideas. The work of the class-room is supplemented by exercise in theme-writing, and all written work is subjected to extended criticism.

Freshman required course.

Two hours a week through the year.

Professor MAXCY, Assistant Professor ALLEN, and

Assistant Professor DUTTON.

RHETORIC 4. *Narrative Composition*. In this course the elements of narration are discussed in turn: setting, character, plot; also the various forms of narrative composition: paragraph items, the short-story, biography, history, etc. In connection with these topics the class studies a number of literary masterpieces. During the past year Professor Palmer's *Life of Alice Freeman Palmer*, Hewlett's *Richard Yea-and-Nay*, and fifty specimens of the short-story were among the selections assigned. The class is also required to present original exercises in narrative composition: at least two short-stories of the length usually found in magazines, and many brief exercises, such as character sketches, biographic summaries, studies in setting, character, etc.

Four hours a week during the second semester.

Rhetoric 4 constitutes the second half of the Sophomore year-course, *Literature 1-Rhetoric 4*. See *Literature 1*.

Professor MAXCY, Assistant Professor ALLEN, and

Assistant Professor DUTTON.

RHETORIC 5-6. *Argumentation*. The purpose of this course is to train the student in logical and systematic methods of thought. The main divisions of the course are: (a) the correct phrasing of propositions; (b) the analysis of propositions; (c) the study of evidence; (d) inductive and deductive methods

of reasoning; (e) generalization and analysis; (f) causal relations; (g) fallacies; (h) the methods of refutation; (i) the construction of briefs; (j) the rhetorical qualities of forensic; (k) persuasion.

In connection with the study of argumentative theory, each student is trained in the practice of argumentative composition through the writing of briefs, forensics, and various argumentative themes and exercises. During the second semester the members of the class are required to take part in debate. As in *Rhetoric 1-2*, the work of each student is subjected to extended criticism.

The text-book is Foster's *Argumentation and Debating*, supplemented by various argumentative masterpieces.

Junior elective course; prerequisite, *Literature 1-Rhetoric 4*.

Three hours a week through the year.

Professor MAXCY.

RHETORIC 7. Criticism. This course is devoted to the study of literary criticism. The discussions are supplemented by extensive readings in the literature of criticism and by essays on critical topics chosen in connection with the readings.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6* or *Rhetoric 5-6*.

Three hours a week during the first semester.

Assistant Professor ALLEN.

RHETORIC 20. The Essay. The class reads a large number of essays, makes a special study of some one representative essay writer, and writes fortnightly essays.

Limited Freshman course, open to those who have credit in *Mathematics D* and *F*.

Three hours a week during the second semester.

Omitted in 1914-1915.

Assistant Professor ALLEN.

LITERATURE

LITERATURE 1-RHETORIC 4. *Literature 1* and *Rhetoric 4* constitute a Sophomore year-course. See *Rhetoric 4*.

Literature 1. General English Literature. This course is two-fold, embracing not only an historical survey of English literature from the earliest times to the end of the nineteenth century, but also a considerable amount of outside reading, so arranged as to accompany the text-book and lectures. Frequent examinations are held. A thesis on some subject chosen by the student

in consultation with the instructor is required. The work is arranged with a view to laying a broad foundation for the more advanced courses in English literature.

Four hours a week during the first semester.

Professor REES and Assistant Professor DUTTON.

LITERATURE 2. *American Literature.* A study of American literature, both prose and poetry. The first part of the course consists of lectures on the early colonial writers. Cairns's *History of American Literature* is used as a text-book, and a considerable amount of outside reading is required.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the second semester.

Assistant Professor ALLEN.

LITERATURE 3-4. *The Elizabethan Drama.* This course deals with the history of the English drama from the Miracle Plays to the closing of the theatres. During the second semester detailed study is made of the language and of the dramatic structure of certain of Shakspeare's plays. Boas's *Shakspeare and his Predecessors* is used as a general text-book.

Junior elective course; prerequisite, *Literature 1-Rhetoric 4*.

Three hours a week through the year.

Professor REES and Assistant Professor LICKLIDER.

LITERATURE 5-6. *Eighteenth Century English Literature and Nineteenth Century English Prose.*

Literature 5. Eighteenth Century English Literature. Lectures are given on the history and interpretation of the literature of the period. Extensive reading, with a view to first-hand knowledge of the thought and temper of the chief authors, is required.

The first semester.

Assistant Professor LICKLIDER.

Literature 6. English Prose Writers of the Nineteenth Century. A course in which the principal prose writers of the period are studied. Lectures are given and a large amount of outside reading is assigned. Among the authors studied are Scott, DeQuincey, Macaulay, Hazlitt, Carlyle, Thackeray, Matthew Arnold, Newman, Pater, Ruskin, George Meredith, Stevenson, and Kipling.

The second semester.

Assistant Professor DUTTON.

Junior elective course; prerequisite, *Literature 1-Rhetoric 4*.

Three hours a week through the year.

LITERATURE 8. *Nineteenth Century English Poetry.* This course consists of lectures, biographical and critical, together with assigned readings. It includes a study of Wordsworth, Coleridge, Byron, Shelley, Keats, Browning, Tennyson, and other poets of the period.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the second semester.

Assistant Professor LICKLIDER.

LITERATURE 9-10. *Old English and Middle English.*

Literature 9. Old English. This course includes both an historical survey of the literature from the seventh century to Chaucer and an elementary study of Old English. Selections from representative works are read in the original. Considerable attention is devoted to the linguistic principles involved in the development of English. Smith's *Old English Grammar* and Bright's *Anglo-Saxon Reader* are used as texts.

The first semester.

Assistant Professor LICKLIDER.

Literature 10. Middle English. This course includes careful reading of all of Chaucer's important works, particularly the *Canterbury Tales* and *Troilus and Criseyde*, and of selections from Gower, Langland, and the Metrical Romances. Attention is paid to the social and political conditions of the fourteenth century.

The second semester.

Senior elective course; prerequisite, *German 3-4* and either **Literature 3-4* or **Literature 5-6*.

Three hours a week through the year.

Professor REES.

LITERATURE 11. *The Modern Drama (1642-1915).* Preliminary lectures are given upon the structure of the drama. The course includes the reading of representative plays from Congreve to Jones and Pinero.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the first semester.

Assistant Professor LICKLIDER.

LITERATURE 12. *The English Bible.* In this course the King James version is read carefully and examinations are held on the assignments. Lectures are given on the history, the literary quality, and the influence of the Bible.

* Omitted for students majoring in German.

A study is made of seventeenth century authors affected by biblical literature, such as Milton, Herbert, and Dryden.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the second semester.

Professor REES.

LITERATURE 13. *The English Novel.* This course includes a consideration of the history and development of English prose fiction from the earliest times to the present day. The course is based on Cross's *Development of the English Novel*, supplemented by extensive readings in the principal authors under discussion.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the first semester.

Professor MAXCY.

HISTORY

Professor GOODRICH, Professor SMITH, Assistant Professor CLARK, and Mr. BUFFINTON.

HISTORY 1-2. *General European History (375-1740).* The work of the first semester covers the field of general European history from the Barbarian Invasions to the Renaissance. That of the second semester comprises the period from the Reformation to the eve of the French Revolution.

The methods comprise a text-book, lectures, collateral reading and frequent written tests. Particular attention is given to the method of study and the use of materials by the student.

This course is the fundamental one in the department, being the prerequisite for all other courses in History, and also for those in Art and Government. Although open to members of the upper classes, it is intended primarily for Sophomores and it is desirable that it be taken in the Sophomore year.

Four hours a week through the year.

Professor GOODRICH and Mr. BUFFINTON.

HISTORY 3-4. *The History of the United States (1606-1865).* This course deals with the formation of the United States, tracing in the first semester the establishment of English colonies and the transfer of English political institutions, the divergence between the colonies and the mother country leading to the American Revolution, the creation of a federal government, and the establishment of an independent federal policy; and studying in the second semester the rise of Northern and Southern sectional antagonism, culminating in the Civil War and the triumph of the union. The methods comprise lectures, parallel reading, reports on assigned topics, recitations, and written tests.

Junior elective course; prerequisite, *History 1-2*.

Three hours a week through the year.

Professor SMITH.

HISTORY 5-6. *European History—Era of Revolution and Reconstruction (1740-1871)*. The work of the first semester begins with the accession of Frederick the Great (1740) and concludes with the fall of the Napoleonic Empire (1814). After a rapid survey of Europe in the age of Frederick, the main part of the semester is devoted to the study of the period of the French Revolution and the Napoleonic Empire. The course of the movement, its causes, and results, are studied in relation to all the principal states of Europe.

The work of the second semester begins with the reconstruction of Europe after the fall of Napoleon. First the period of reaction and that of the national revolutions of 1848 are studied. Special attention is then given to the constructive movements in Italy, Austria-Hungary, and Germany, concluding with the Franco-German War and the founding of the German Empire.

Junior elective course; prerequisite, *History 1-2*.

Three hours a week through the year.

Professor GOODRICH.

HISTORY 7. *The United States since the Civil War (1865-1914)*. This course continues the history of the United States from the close of the Civil War to the present time, covering the Reconstruction period, the reorganization of parties, the rise of the currency and tariff contests, the expansion episode, the return to internal political questions, and the present international situation.

Senior elective course; prerequisite, *History 3-4*.

Three hours a week during the first semester.

Professor SMITH.

HISTORY 8. *Recent European History (1871-1914)*. This course is a continuation of *History 5-6* and is a study of the political development of all the European states from the Franco-German War to the present time. Special attention is given to the constitutional developments in France, Germany, Austria-Hungary, Russia, Turkey, and the Balkan states, concluding with a study of the colonial expansion and the international relations of European states down to the summer of 1914.

Senior elective course; prerequisite, *History 5-6*.

Three hours a week during the second semester.

Professor GOODRICH.

HISTORY 10. *England in the Nineteenth Century (1815-1915)*. This course covers the history of the British Empire since the year 1815 with special emphasis upon the development of popular government in England and the

English colonies and the course of British foreign policy to the summer of 1915.

Senior elective course; prerequisite, *History 3-4* or *History 5-6*.

Three hours a week during the second semester.

Professor SMITH.

HISTORY 12. *Roman History during the Revolution and the Empire.* The economic, social, political, and military history of the Roman world from the age of the Gracchi to that of Theodosius.

Reading, lectures, quizzes, and written work. Consultation of the Latin sources is encouraged but not required.

Special instruction is offered, if desired, to prospective teachers, or to any students wishing to attempt some original investigation; but the course aims primarily, while not neglecting great personalities, to survey for the general student of history or of the classics the Roman foundations of European civilization.

Senior elective course; prerequisite, *Greek 11*.

Three hours a week during the second semester.

Greek 11 and *History 12* constitute a Senior year course. See *Greek 11*.

Assistant Professor CLARK.

ECONOMICS

Acting Professor McLAREN and Assistant Professor CLARK.

ECONOMICS 1-2. *Introductory Economics.* This course is a study of the leading principles of economic science with some applications to modern industrial conditions. Study of a text-book and of assigned collateral reading is the basis of the work. Discussion of this matter in class is supplemented by occasional lectures and by written tests.

Junior elective course.

Three hours a week through the year.

Acting Professor McLAREN and Assistant Professor CLARK.

ECONOMICS 3. *Economic History.* A study of the gradual development of the modern industrial world from the middle of the 18th to the end of the 19th century. Among the topics included are the great inventions and the industrial revolution, agrarian changes in the leading countries, the factory system and labor legislation, steam transportation, English free trade and the tariff histories of leading countries, the finances and economic bearings of wars of the period, and the recent developments of industrial types and nations.

Assignments of reading on special topics.

Senior elective course; prerequisite, *Economics 1-2*, *Government 1-2*, or *History 3-4*.

Three hours a week during the first semester.

Assistant Professor CLARK.

ECONOMICS 4. *Corporations.* A study of modern combinations of industry. Historical development of modern industrials in the United States from the pool to the trust and holding company. Forms of corporation securities. Economic and social effects of great combinations. Legislation in the United States and other countries, and important legal decisions. State and federal control.

Senior elective course; prerequisite, *Economics 1-2*.

Three hours a week during the second semester.

Acting Professor McLAREN and Assistant Professor CLARK.

ECONOMICS 5. *Money and Banking.* A survey of the principles of money and credit especially in their relation to banking systems. Commercial crises. Dunbar's *History and Theory of Banking* and White's *Money and Banking* are used.

Senior elective course; prerequisite, *Economics 1-2*.

Three hours a week during the first semester.

Acting Professor McLAREN and Assistant Professor CLARK.

ECONOMICS 6. *Public Finance.* A study of the theories and methods of taxation and financial administration. Economic activities of modern governments. Bullock's *Selected Readings in Public Finance* is used as a text-book.

Senior elective course; prerequisite, *Economics 1-2*.

Three hours a week during the second semester.

Assistant Professor CLARK.

ECONOMICS 8. *Labor Questions and Labor Legislation.* A study of the modern labor movement in America and abroad, of the forms, aims, and character of unions, and of the questions, proposals, and legislation affecting the relations of employers and employed. Topics included will be immigration, unemployment, strikes and conciliation, "scientific management," systems of payment, compensation, and insurance, welfare activities, housing laws, wages-boards, coöperation and other projects of social reform, socialist theories and party policies, and syndicalism.

Assigned reading in text-books, monographs, reports, and periodicals.

Economics 3 is recommended as desirable, though not essential, to precede this course.

Senior elective course; prerequisite, *Economics 1-2*.

Three hours a week during the second semester.

Acting Professor McLAREN and Assistant Professor CLARK.

In the courses Economics 4, 5, 6, and 8 a special subject is assigned each student for study and written report.

GOVERNMENT AND POLITICAL SCIENCE

President GARFIELD, Professor SMITH, Assistant Professor DOUGHTY, and Mr. SAYRE.

GOVERNMENT 1-2. *The Constitution and Government of the United States.* This course comprises a study of the United States constitution both in its principles and structure and in its actual operation. The first semester, *Government 1*, consists of an examination of the theories and principles of government upon which is based the constitution, as those theories and principles are presented in *The Federalist*, which work is used as a text-book in this course. The second semester, *Government 2*, is an elementary course in Constitutional Law based upon Hall's *Constitutional Law* as a text in connection with McClain's *Cases in Constitutional Law*. The methods of instruction consist of lectures and oral and written recitations.

Junior elective course; prerequisite, *History 1-2*.

Three hours a week through the year.

Assistant Professor DOUGHTY.

GOVERNMENT 3. *History of Primitive Institutions.* This course is a study of the structure of primitive societies, and the origins and development of legal and political institutions as found in the earlier Roman law, and the laws and political institutions of medieval Europe. The work consists of oral and written recitations and lectures. Maine's *Ancient Law* and Jenk's *Law and Politics in the Middle Ages* are used as texts.

Senior elective course; prerequisite, *Government 1-2*.

Three hours a week during first semester.

Assistant Professor DOUGHTY.

GOVERNMENT 4. *History of Primitive Institutions*, continued. This course is a continuation of *Government 3*, being confined, however, to the study of the nature and development of the early common law of England. The work consists of oral and written recitations and lectures. Kerr's edition of *Blackstone* is used as a text.

Senior elective course; prerequisite, *Government 3*.

Three hours a week during the second semester.

Assistant Professor DOUGHTY.

GOVERNMENT 5. *Jurisprudence.* This course is a study of the theory and structure of law, its sources and subject-matter. The work consists of oral and written recitations and lectures. Holland's *Elements of Jurisprudence* is used as a text.

Senior elective course; prerequisite, *Government 1-2*.

Three hours a week during the first semester.

Assistant Professor DOUGHTY.

GOVERNMENT 6. *Jurisprudence.* This is an advanced course in jurisprudence, and consists of a study of the processes of reasoning involved in the application of the general principles of the system, and the rules of any particular branch, to specific sets of facts. The work consists of lectures, classroom discussions, and written exercises. There are assignments of reading on special topics.

Senior elective course; prerequisite, *Government 5*.

Three hours a week during the second semester.

Assistant Professor DOUGHTY.

GOVERNMENT 7. *Comparative Modern Government.* This course is devoted to a study of the governments of the leading countries with special attention to the methods of legislation and the location of political control. It is based on Ogg's *Governments of Europe* and Lowell's *Government of England and Government and Politics in Continental Europe* and is conducted by means of discussions, lectures, and the presentation of reports individually assigned to members of the class.

Senior elective course; prerequisite, *Government 1-2*.

Three hours a week during the first semester.

Professor SMITH.

GOVERNMENT 8. *Problems of American Government.* This course studies the practical working of the United States Federal government with particular reference to the difficulties and shortcomings complained of in current criticism and the proposed remedies of a governmental character. Beard's *Government and Politics* is used as the basis for work, and there is a considerable amount of assigned reading, as well as a special report involving investigation of some disputed point.

Senior elective course; prerequisite, *Government 1-2* and any one of the following courses, *Government 3*, *Government 7*, *History 7*, or *Economics 5*.

Three hours a week during the second semester.

Professor SMITH.

GOVERNMENT 9. *Municipal Government.* A study of the structure and functions of city government in Europe and the United States. Discussions and weekly tests based upon assigned reading and lectures. (Required reading, 1915-1916, Munro's *Government of European Cities* and Munro's *Government of American Cities*.) In addition to the study of the general subject, the government of a particular city is assigned to each student for special examination. Method: individual conferences and a written report.

Senior elective course; prerequisite, *Government 1-2*.

Three hours a week during the first semester.

President GARFIELD.

GOVERNMENT 10. *International Law and Relationships*. A study of the principles of international law and of the bases underlying modern treaty rights and obligations.

In addition to the reading of a text-book, students will be required to do a considerable amount of collateral reading, to study and digest important cases of International Law, to prepare papers on assigned subjects, and to take part in class-room discussions.

Senior elective course; prerequisite, *Government 1-2*.

Three hours a week during the second semester.

MR. SAYRE.

PHILOSOPHY

Professor RUSSELL and Professor PRATT.

PHILOSOPHY 1-2. *Elementary Psychology and Ethics*. The first semester will be devoted to an introductory course in psychology, the aim of which will be to comprehend the essential facts of the mental life. The subject for the second semester will be ethics, and the attempt will be made to discover the meaning and basis of duty by discussions, original papers, and reports.

Junior elective course.

Three hours a week through the year.

Professor RUSSELL and Professor PRATT.

PHILOSOPHY 3. *Metaphysics*. The problems of idealism and realism, monism and pluralism will be studied in the light of contemporary philosophical literature.

Senior elective course; prerequisite, *Philosophy 1-2*.

Three hours a week during the first semester.

Professor PRATT.

PHILOSOPHY 4. *An Advanced Course in Ethics*. This course is a study of the application of ethical principles and ideals to present-day problems of social, economic, and industrial organizations.

Elective course; prerequisite, *Philosophy 1-2*.

Three hours a week during the second semester.

Professor RUSSELL.

PHILOSOPHY 5. *Social Psychology.* This course deals with the social life of men.

Elective course; prerequisite, *Philosophy 1-2.*

Three hours a week during the first semester.

Professor RUSSELL.

PHILOSOPHY 6. *A course in present-day philosophy,* special prominence being given to the philosophy of William James and Henri Bergson.

Elective course; prerequisite, *Philosophy 1-2.*

Three hours a week during the second semester.

Professor RUSSELL.

PHILOSOPHY 7. *History of Ancient Philosophy.* The work of this course will be based upon a text-book supplemented by assigned reading from the leading philosophers of the period studied, and lectures on the more difficult questions, with occasional papers from the students and much informal discussion.

Senior elective course; prerequisite, *Philosophy 1-2.*

Three hours a week during the first semester.

Professor PRATT.

PHILOSOPHY 8. *History of Modern Philosophy.* This course will carry on into modern philosophy the historical study begun by the student in the preceding course, the same method being retained.

Senior elective course; prerequisite, *Philosophy 1-2.*

Three hours a week during the second semester.

Professor PRATT.

RELIGION

Professor MORTON and Professor PRATT.

RELIGION 1-2. *History of Religion.*

Religion 1. *History of Religion.* The more important ideas and institutions of the religion of primitive peoples are first considered, after which the religions of India, Persia, Israel, Greece, Rome, and Islam are taken up in some detail. The instruction is by lectures with short quizzes, required reading from the *Sacred Books*, and reports on them. In addition to this, each student chooses some topic for independent investigation and writes a thesis upon it.

The first semester.

Professor PRATT.

Religion 2. *History of Christianity.* The course will cover the first eight centuries, during which the Christian religion developed its dominant characteristics and most generally accepted doctrines. Subsequent divisions and derivative forms will be given in brief outline.

The second semester.

Junior elective course.

Three hours a week through the year.

Professor MORTON.

RELIGION 3-4. *Medieval Religion and Philosophy.* Taylor's *Medieval Mind* is taken as the text-book, and Dante's works in English translation as illustrative material. The course includes a general survey of the philosophy of the Middle Ages. Lectures, discussions, and preparation of special topics by members of the class.

Senior elective course; prerequisite, *Religion 1-2* or *Philosophy 1-2*.

Three hours a week through the year.

Professor MORTON.

RELIGION 5. *Philosophy of Religion.* The philosophy of religion attempts to "explain through nature and man" religious beliefs and practices and to estimate their worth in so far as our present knowledge will allow. With the help of comparative religion it tries to distinguish the essentials. In the course this includes a study of the fitness of Christianity to become the universal religion.

Senior elective course; prerequisite, *Religion 1-2*.

Three hours a week during the first semester.

Professor MORTON.

RELIGION 6. *Philosophy of Theism.* The reasons are given for believing in a reality corresponding to the theistic assumptions and aspirations of religion. Objections and anti-theistic theories are considered. Text-books, lectures, and discussions. Special topics are assigned for more extended study.

Senior elective course; prerequisite, *Religion 5* or *Philosophy 1-2*.

Three hours a week during the second semester.

Professor MORTON.

HISTORY OF ART AND CIVILIZATION

Professor WESTON.

ART 1-2. *History of Art from Antiquity through the Italian Renaissance.* Beginning with the civilization of Egypt, the architecture, painting, and sculpture of Antiquity, the Middle Ages, and the Italian Renaissance are studied as the expression of the civilization and ideals of each period. In addi-

tion to the three regular exercises of the course, each student is required to attend a weekly conference hour with the instructor. Illustrative matter is furnished by lantern views, photographs, and charts. Lectures and weekly assignments of reading.

Junior elective course; prerequisite, *History 1-2*.

Three hours a week through the year.

Fee, \$6.00.

ART 3. *Art of the 17th and 18th Centuries.* This course traces the influence of the Italian Renaissance in Western Europe and continues the history and development of architecture, painting, and sculpture in the seventeenth and eighteenth centuries.

Senior elective course; prerequisite, *Art 1-2*.

Three hours a week during the first semester.

Fee, \$2.00.

ART 4. *Art of the 19th Century.* The aim of this course is to familiarize the student with each important school of art and to furnish a basis for independent judgment.

Senior elective course; prerequisite, *Art 1-2*.

Three hours a week during the second semester.

Fee, \$2.00.

PUBLIC SPEAKING AND ORATORY

[**PUBLIC SPEAKING.** This course aims (1) to emphasize some of the fundamental principles of oral expression and (2) to apply them to the delivery of the individual. The class is divided into small sections and extended drill is given each man. The choice of speakers for the prize contest in declamation is based on the work of the members of the class in reading and speaking.

Freshman required course.

Omitted in 1915-1916.]

During 1915-1916 drill will be given to speakers who compete in prize contests, and to those who are to appear on the Commencement platform.

DIVISION III

MATHEMATICS

Professor FERRY, Professor HARDY, Assistant Professor SHEPARD, Assistant Professor AGARD, and Mr. BOTSFORD.

MATHEMATICS 1-2. *Algebra, Solid Geometry, Plane Trigonometry, and Surveying.*

Advanced Algebra. Binomial theorem, logarithms, permutations, combinations, method of undetermined coefficients, determinants, theory of equations, etc. Hawkes's *Higher Algebra* is used as a text-book.

Solid Geometry. Books VI, VII, and VIII of Wentworth's *New Plane and Solid Geometry*, together with original propositions and numerical problems.

Plane Trigonometry. The trigonometric functions, trigonometric analysis, solutions of right and oblique triangles, etc. Robbins's *Trigonometry* is used as a text-book.

Field Work in Surveying. The practical use of instruments, including determination of heights, simple triangulation, measurement of areas, and leveling. This portion of the course is optional.

Freshman required course.

Four hours a week through the year.

Professor HARDY, Assistant Professor SHEPARD,
Assistant Professor AGARD, and Mr. BOTSFORD.

MATHEMATICS 3-4. *Analytic Geometry and Differential Calculus.*

Mathematics 3. Analytic Geometry. Plane analytic geometry,—the straight line, circle, parabola, ellipse, and hyperbola,—with an introduction to analytic geometry of three dimensions. Fine and Thompson's *Coördinate Geometry* is the text-book used.

The first semester.

Professor FERRY and Assistant Professor SHEPARD.

Mathematics 4. Differential Calculus. Methods of differentiation, expansion of functions into series, indeterminate forms, the simpler applications to mechanics and to the theory of plane curves, etc. Granville's *Calculus* is the text-book used.

The second semester.

Assistant Professor SHEPARD and Assistant Professor AGARD.

Sophomore elective course, required of Freshmen in Admission Groups IV and V; prerequisite, *Mathematics 1-2*.

Four hours a week through the year.

MATHEMATICS 5-6. *Differential and Integral Calculus.*

Mathematics 5. *Integral Calculus.* Derivation and application of the fundamental formulas of integration; applications of the integral calculus to the determination of lengths of curves, areas, volumes, mean values, moments of inertia, etc. The work is based on Granville's *Calculus* and *A Course in Mathematics* by Woods and Bailey.

The first semester.

Mathematics 6. *Differential and Integral Calculus.* A continuation of the work of the first semester. Numerous applications of the differential and integral calculus are considered. The work is based on Granville's *Calculus* and *A Course in Mathematics* by Woods and Bailey.

The second semester.

Junior elective course, open also to Sophomores in Admission Groups IV and V; prerequisite, *Mathematics 3-4*.

Three hours a week through the year.

Professor HARDY.

MATHEMATICS 7-8. *Descriptive Geometry.* Problems of the straight line and plane, curved surfaces, intersections and development of surfaces, simple warped surfaces. Elements of shades and shadows, and perspective. Anthony and Ashley's *Descriptive Geometry* and Fishleigh's *Problems* are used as text-books.

Junior elective course; prerequisite, *Mathematics 3-4*.

Three hours a week through the year.

Assistant Professor SHEPARD.

MATHEMATICS 9. *Differential Equations.* Methods of solution of the simpler forms of differential equations, applications to many problems of mathematical physics, etc. The course is based on Cohen's *Differential Equations*.

Senior elective course; prerequisite, *Mathematics 5-6*.

Three hours a week during the first semester.

Assistant Professor AGARD.

MATHEMATICS 10. *Modern Methods in Analytic Geometry.* Abridged notation, line coördinates, harmonic division, projection, etc., with many applications. Lectures, with references to Salmon's *Conic Sections* and other works.

Senior elective course; prerequisite, *Mathematics 5-6* or *Mathematics 7-8*.

Three hours a week during the second semester.

Professor FERRY.

MATHEMATICS 20. *Theory of Equations, Spherical Trigonometry, etc.* Various text-books are used and the work is adapted to the particular qualifications of the students admitted to the course.

Limited Freshman course, open to those who have anticipated *Mathematics D* and *Mathematics F*.

Three hours a week during the second semester.

Assistant Professor AGARD.

PHYSICS

Professor McELFRESH and Dr. SHOOK.

PHYSICS 1-2. *General Physics.* This course deals with the elementary facts and principles of physics and with the applications of physical laws to the experiences and phenomena of daily life. It includes elementary mechanics, sound, heat, light, magnetism, and electricity.

Sophomore elective course.

Four exercises a week through the year; these are lectures and recitations (three hours a week) and laboratory work (one two-hour exercise a week). For laboratory work the class is divided into small divisions; two-hour periods are assigned for this work to fit individual schedules.

Fee, \$5.00.

Professor McELFRESH and Dr. SHOOK.

PHYSICS 3-4. *Experimental Physics.* Mechanics, sound, heat, light, magnetism, and electricity. This course consists of a series of physical measurements in the laboratory, accompanied by lectures. The lectures deal with the methods and principles involved in the laboratory work and also discuss certain physical problems that do not readily lend themselves to laboratory experimentation. In the laboratory work high-grade instruments of precision are employed and the course is expected to give some skill in accurate measurement. The primary object of the laboratory work is to enable the student to familiarize himself with physical phenomena by direct personal observation.

Junior elective course; prerequisite, *Physics 1-2*.

Three exercises a week through the year; lectures and recitations (one hour a week), and laboratory work (two two-hour periods a week).

Fee, \$10.00.

Professor McELFRESH and Dr. SHOOK.

PHYSICS 5-6. *Electrical Measurements and Practical Applications of Electricity.* This course consists of lectures and laboratory work and includes a study of the magnetic properties of iron and steel, of direct and alternating

current phenomena, and of their practical illustration in dynamo-electric machinery.

Senior elective course; prerequisite, *Physics 3-4*.

Three exercises a week through the year; lectures and recitations (two hours a week), and laboratory work (one two-hour period a week).

Fee, \$10.00.

Dr. SHOOK.

PHYSICS 7. *Mechanics.* The general principles of mechanics of solids; statics and kinetics of rigid bodies. Lectures and problems.

Senior elective course; prerequisite, *Mathematics 3-4* and *Physics 1-2*.

Three exercises a week during the first semester.

Professor McELFRESH.

PHYSICS 8. *Mechanics.* A continuation of *Physics 7*. Elasticity of solids, liquids, and gases. Statics and kinetics of liquids and gases. Lectures, problems, and laboratory work.

Senior elective course; prerequisite, *Physics 7*.

Three exercises a week during the second semester.

Professor McELFRESH.

CHEMISTRY

Professor LEVERETT MEARS, Assistant Professor BRAINERD MEARS,
Mr. ADRIANCE, and Mr. BROWN.

CHEMISTRY 1-2. *General Chemistry and Qualitative Analysis.*

Chemistry 1. General Chemistry. The principles of chemistry are studied in connection with the non-metals and their compounds. This course is given by experimental lectures, supplemented by recitations and practical work in the laboratory.

Fee, \$3.00.

Four hours a week during the first semester.

Chemistry 2. Metallic Chemistry and Qualitative Analysis. A course of lectures is given on the occurrence, properties, and uses of the metals and their compounds.

Most of the time is devoted to qualitative analysis in the laboratory. This work includes the reactions of the principal bases and acids, their detection and separation. About 100 solutions and 100 solid substances, including about 50 minerals, are analyzed during the course. This course is a continuation of *Chemistry 1*.

Fee, \$10.00 and breakage.

Four periods a week, of two hours each, during the second semester.

Sophomore elective course.

Professor LEVERETT MEARS, Assistant Professor

BRAINERD MEARS, and Mr. BROWN.

CHEMISTRY 1-BIOLOGY 2. *Chemistry 1 and Biology 2* may be taken together as constituting a Sophomore year-course. See *Biology 2*.

CHEMISTRY 3-4. Organic Chemistry.

Chemistry 3. Organic Chemistry. Lectures on the compounds of carbon, including the history of chemistry and its development to the present time. This course completes the work begun in *Chemistry 1* and continued in *Chemistry 2*.
Professor L. MEARS.

Chemistry 4. Advanced Organic Chemistry. This course is a continuation of the work begun in *Chemistry 3*. The principles of organic chemistry are applied to the preparation and analysis of organic compounds in the laboratory with a discussion of the reactions involved. Cohen's book on organic preparations is used.

Junior elective course; prerequisite, *Chemistry 1-2*.

Three exercises a week, of two hours each, through the year.

Fee, \$10.00 and breakage.

Assistant Professor BRAINERD MEARS.

CHEMISTRY 5. Quantitative Analysis. This course embraces the quantitative determination and separation of the principal bases and acids. Both gravimetric and volumetric methods are employed.

Senior elective course; prerequisite, *Chemistry 3-4*.

Three exercises a week, of two hours each, during the first semester.

Fee, \$10.00 and breakage.

Assistant Professor BRAINERD MEARS.

CHEMISTRY 6. Advanced Quantitative Analysis. This course is a continuation of *Chemistry 5* and includes the analysis of minerals and various other products closely related to the industrial processes and to daily life.

Senior elective course; prerequisite, *Chemistry 5*.

Three exercises a week, of two hours each, during the second semester.

Fee, \$5.00 and breakage.

Assistant Professor BRAINERD MEARS.

CHEMISTRY 7. Advanced Inorganic Chemistry. This course includes lectures, recitations, and reports upon the more important technical operations, together with the preparation of inorganic compounds and a discussion of the reactions and processes involved in their production.

Senior elective course; prerequisite, *Chemistry 3-4*.
Three exercises a week, of two hours each, during the first semester.
Fee, \$5.00 and breakage.

Assistant Professor BRAINERD MEARS.

CHEMISTRY 8. *Physical Chemistry.* This course consists of lectures and recitations on the modern theories of physical chemistry together with experimental work in the laboratory.

Senior elective course; prerequisite, *Chemistry 3-4*.
Three exercises a week, of two hours each, during the second semester.
Fee, \$5.00 and breakage.

Assistant Professor BRAINERD MEARS.

CHEMISTRY 10. *Physiological Chemistry.* The lectures in this course consist of a discussion of those chemical substances peculiar to animals, and of the facts of physiological chemistry.

The laboratory practice is designed to acquaint the student with the more important constituents of animal matter and their chemical behavior, particular attention being given to metabolism.

Senior elective course; prerequisite, *Chemistry 3-4*.
Three exercises a week, of two hours each, during the second semester.
Fee, \$5.00 and breakage.

Mr. ADRIANCE.

GEOLOGY AND MINERALOGY

Professor CLELAND and Mr. BROWN.

GEOLOGY 1-2. *General Geology.* The purpose of the course in general geology is to give the student such a knowledge of the principles of geology that he may be able to appreciate what he sees of the earth's surface and to understand what force or forces have produced the features of the landscape. A study is also made of the forces themselves, such, for example, as glaciers, volcanoes, earthquakes, and erosion. Some time is spent on the life of the past, not only in a description of the animals that lived in the various periods of the earth's history but also of the changes that took place in their structure and habits, and, as far as possible, of the causes that produced these changes.

Geology 1. During the first semester that portion of the subject included in (a) *Dynamical Geology*, which deals with the forces that have shaped, and are now shaping the earth's surface, such as weathering, streams, glaciers, vol-

canoes, and earthquakes, is considered. (b) *Structural Geology*. In this division of the subject the structure of the earth's crust and the more important rocks and minerals of which it is composed are studied.

Excursions in the vicinity of Williamstown, as well as one or two to more distant points are taken.

Geology 2. In the second semester the origin and occurrence of ores are first studied. This is followed by the major work of the semester, the study of evolutionary geology. The animals of the past, as shown by their fossil remains, are discussed particularly with regard to their bearing upon the theory of evolution. The fossils in the collections, and a number of casts, together with a large collection of lantern slides of restorations, are used in illustration.

Excursions in the vicinity of Williamstown, as well as one or two to more distant points are taken.

Junior elective course; prerequisite, *Chemistry 1-2* or *Chemistry 1-Biology 2*.
Three hours a week through the year.

GEOLOGY 3. Advanced Geology. This course pursues an advanced study of subjects taken up in a general way in *Geology 1*. Beginning with a laboratory examination of the important economic and rock forming minerals, the occurrence and mode of origin of rocks is studied. The metamorphism and structural features of rocks; rock weathering and soils; the economic importance of surface and underground waters; the relation of wave action and ocean currents to coasts and harbors; and the structure and economic bearing of glacial deposits are considered in considerable detail. The course closes with a study of building stones.

This course is designed for students who plan to take advanced work in Engineering, Architecture and Geology.

Senior course; prerequisite, *Geology 1-2*.

Three exercises a week throughout the year.

Laboratory fee, \$2.00.

GEOLOGY 4. Economic Geology. Beginning with a more detailed study of those subjects which are essential to the understanding of economic geology, the aim of the course is to afford the student a practical knowledge of the mineral products of the United States, such as coal, gypsum, salt, iron, lead, copper, and gold. Special attention is paid to the origin of the various deposits studied, with particular reference to the general principles governing the deposition and occurrence of each economic product discussed. Each student is required to present a typewritten report, as the result of his own observation, of some local mine, quarry, or other deposit of economic importance.

Senior elective course; prerequisite, *Geology 1-2*.

Three hours a week during the first semester.

BIOLOGY

Professor CLARKE and Professor KELLOGG.

BIOLOGY 2. *A study of living matter and of life.*

Text-book, lectures, oral and written recitations, laboratory exercises.

Sophomore elective course; prerequisite, *Chemistry 1*.

Four hours a week during the second semester.

Fee, \$2.00.

Professor CLARKE.

Biology 2 is to be taken only as the second semester of the Sophomore year-course, *Chemistry 1-Biology 2*. See *Chemistry 1*.

BIOLOGY 3-4. The year's work includes two subjects:

(a) *Zoölogy of the Invertebrata*. This part of the course extends from September to about the last of March. Instruction is by means of lectures, recitations and laboratory work. The structure and functions of several single-celled organisms are studied in the laboratory by means of the microscope. Among the many celled forms examined are sponges, fresh-water hydras, marine hydroids, the starfish, sea-urchins, worm, crayfish, grasshopper, and bivalves. The object of this work is chiefly to demonstrate the meanings of homologies and adaptations, and to afford an appreciation of the value of the data employed in inductions considered later in the course.

(b) *Theories of Biology*. The remainder of the year is given to a series of lectures, with recitations, on the general problems of biology. Laboratory work in (a) is continued during this period.

The course considers the views of the early Transmutationists, of Lamarck, Erasmus Darwin, and others, and discusses the theory of natural selection of Darwin and Wallace. Attention is given to observations that tend to limit it as a universal explanation of the structural and functional peculiarities of organisms, and to more recent theories of evolution, inheritance, etc.

Junior elective course; prerequisite, *Chemistry 1-Biology 2*.

Three exercises a week, of two hours each, through the year.

Fee, \$10.00.

Professor KELLOGG.

BIOLOGY 5-6. *Botany, including the Principles of Forestry and Evolution of Plants.*

Biology 5. The work in the first part of the course deals with the mechanism of one of the most highly organized plants. The second part of the course treats of the life-history of such a plant. This is followed by a study of plant physiology, using Coulter, Barnes, and Cowles's *Text-book of Botany*. A study of the principles of forestry with the use of Greene's text-book completes the course.

Lectures, laboratory, text-books, and field work with our native trees.

Biology 6. *The Evolution of Plants.* A continuation of *Biology 5*. Types of all the plant groups from the simplest to the most highly organized are studied, their structure and life history receiving especial attention. This is made the basis for a consideration of the process of evolution in the plant world, and will include such general subjects as the origin and differentiation of sex, the origin of the seed plants and its significance to man. Lectures, laboratory work, and occasional field work.

Text-book, Strasburger's *A Text-book of Botany*.

Fee, \$6.00.

Junior elective course; prerequisite, *Chemistry 1-Biology 2*.

Three exercises a week through the year.

Professor CLARKE.

BIOLOGY 7-8. A continuation of *Biology 3-4*.

(a) *Zoology of the Chordata.* As in *Zoology of the Invertebrata*, instruction is by means of lectures, recitations, and laboratory work. The fishes, amphibia, reptiles, birds, and mammals are studied comparatively by means of dissections in the laboratory.

(b) *Embryology.* The second semester is given to a study of the development of the starfish, worm, frog, chick, and mammal. In the first three forms special attention is given to the early stages which follow fertilization. The work on the chick is outlined by a text-book, and followed in the laboratory by means of preparations, some of which are made by the student. It covers the development from the beginning of incubation to a stage in which the more important organs of the body have appeared. Mammalian development is compared with that of the chick, which it closely resembles, but is studied in the laboratory only by means of models and demonstration preparations.

Senior elective course; prerequisite, *Biology 3-4*.

Three exercises a week, of two hours each, through the year.

Fee, \$10.00.

Professor KELLOGG.

PHYSIOLOGY AND HYGIENE

Professor HOWARD.

HYGIENE. A series of lectures and recitations on the preservation of health. The lectures are designed to acquaint the student with the causes of disease, to point out the conditions of healthy living, and to inculcate those habits that promote physical efficiency. In several lectures attention is given to the problems of public health, especially those of safeguarding the food-supply and stamping out communicable disease.

Freshman required course.

One hour a week during the first semester.

Shortly after the opening of college in the fall, each new student is given a physical examination, the objects of which are to discover any existing defects of the heart, lungs, eyes, or muscular development, and to prescribe proper measures for their correction. Particular attention is given to the fitness of candidates for the athletic teams.

PHYSIOLOGY 1. An elementary study of the mechanism of life. Attention is centered chiefly on the structure and function of the human body, but the facts of general physiology are constantly employed to throw light on the special problems of human physiology. The physical and chemical features of the material basis of life are discussed first. Following this the physiology of the cell is briefly surveyed. The remainder and larger part of the course is a study of the income of material and energy to the body, comprising the subjects of alimentation, respiration, circulation, and metabolism. As far as time and the nature of the subject permit, the facts of physiology are demonstrated to the class, and the discussions are based as far as possible on these observed phenomena. Classroom instruction is supplemented by reading of references in the manuals and periodicals of the science.

Senior elective course; prerequisite, *Biology 3-4* or *Biology 5-6*.

Three hours a week during the first semester.

PHYSIOLOGY 2. This course continues the study of physiology on lines similar to those followed in *Physiology 1*. The means by which the body is adapted to its environment is the main topic. This comprises a study of the neuro-muscular mechanism, the central nervous system, and the organs of sensation.

Senior elective course; prerequisite, *Physiology 1*.

Three hours a week during the second semester.

ASTRONOMY

Professor MILHAM.

ASTRONOMY. 1-2. This year course is divided into two parts, descriptive astronomy and an introduction to spherical and practical astronomy. In the descriptive astronomy a text-book, Young's *Manual of Astronomy*, is used as a basis of instruction. Numerous supplementary lectures are given and the course is illustrated by charts and photographs. Such topics as the time service of the country, the origin of our calendar, the presence of an atmosphere in the case of the moon and the planets, and the cosmogony, are treated at length. During the second part of the course lectures on modern observatories, their location, equipment, and work, are given. Experimental demonstration and practical exercises in the observatory constitute a large part of the instruction during the last part of the second semester.

Junior elective course; prerequisite, *Physics 1-3*.

Three hours a week through the year.

[**ASTRONOMY 3. *Theoretical Astronomy.*** The mathematical side of astronomy is here considered. Elliptic motion, place in orbit, place in space, and the computation of orbits are treated.

Senior elective course; prerequisite, *Astronomy 1-2* and *Mathematics 5-6*.

Three hours a week during the first semester.

Omitted 1915-1916.]

ASTRONOMY 4. *Spherical and Practical Astronomy.* This course consists of spherical trigonometry and its application to astronomy and the use of astronomical instruments in the determination of latitude, longitude, and time.

Senior elective course; prerequisite, *Astronomy 1-3* and *Mathematics 3-4*.

Three hours a week during the second semester.

PHYSICAL TRAINING

Mr. SEBLEY.

Exercises consisting of marching, calisthenics, and light gymnastics with wands, clubs, chest-weights, and dumb-bells. The first six weeks are given up to outdoor work on Weston Field.

Freshman required course.

Three forty-five minute periods a week until the Spring recess.

[In connection with this work a course of lectures on Hygiene is given in the first semester by Professor Howard. See the announcement of Physiology and Hygiene.]

Elective work in the gymnasium is offered to other classes.

GENERAL INFORMATION

ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure, in the largest measure, his coöperation with the Faculty in the development of his own character. But if such coöperation is plainly impossible, a student may be dismissed from college at any time, even without previous warning.

HONOR SYSTEM

All college examinations are conducted under an honor system, established in 1896, by which the presence of proctors in the examination room is dispensed with and each student is placed on his honor. The following declaration is necessary to make any examination or other work written on paper in the classroom valid: *I have neither given nor received aid in this examination.*

All cases of suspected fraud are dealt with by a committee of ten students, including representatives from each class, who have the power to decide on the question of guilt and to recommend to the Faculty the penalty of dismissal from college in the case of a Senior, Junior, or Sophomore, and of suspension in the case of a Freshman.

REGISTRATION

All students are required to register on Tuesday, Wednesday, or the morning of Thursday at the beginning of the college year, again shortly before the beginning of the second semester, and a third time near the close of the second semester. For unexcused delay in registration, a fee of five dollars is imposed.

ATTENDANCE ON COLLEGE EXERCISES

Attendance on all individual appointments in the departments of English and Hygiene, on all semi-annual or final examinations, and on six-sevenths of the chapel services, is required of all students; attendance on nine-tenths of all other exercises is required of those Seniors, Juniors and Sophomores, whose grades during the previous semester were as high as B in at least half their courses and as high as C in all their courses; and attendance on nineteen-twentieths of these exercises is required of all other students.

Each student is allowed to be absent from the Sunday morning service twice and from the morning prayers and Sunday afternoon service combined eighteen times each semester.

The regulation of attendance on both the secular and the religious exercises is entrusted to the Dean. He is authorized to establish such rules for attendance on the religious exercises of the college as he may deem necessary, and to place on probation any student who fails to meet these requirements, or whose attendance on recitations and lectures is especially irregular. If a student does not comply with the conditions of the probation, the Dean may dismiss him from college; but any student thus dismissed has the right of an appeal through the Dean to the Committee on Administration.

RECORDS AND REPORTS

A report of scholarship is sent to every student's parents or guardian at the close of each semester, and at such other times as the Faculty may deem expedient. A permanent record of each student's scholarship is kept and by this record his promotion and graduation are determined.

MASTER OF ARTS

The degree of Master of Arts is conferred upon Bachelors of Williams College of at least one year's standing who, having spent one year in residence at the college, pursuing two approved

courses of study as explained below, have passed a satisfactory examination in each subject, and have submitted a satisfactory thesis.

The degree is conferred upon Bachelors of Williams College who have spent one year in residence at any academic institution, pursuing two approved courses as below, provided that none of the work taken for the degree be used in fulfillment of the requirements for degrees elsewhere, and having been registered for the Master's degree for not less than one college year, have fulfilled the conditions as to examinations and thesis.

The degree is conferred upon Bachelors of Williams College, who, not having been in residence, but having been registered as candidates for the degree not less than two years, have fulfilled the conditions as to courses, examinations, and thesis.

Undergraduates of Williams College who at the beginning of their Senior year require not more than eight semester hours to complete the requirements for the Bachelor's degree may apply some of the remaining courses allowed them toward the Master's degree, receiving the same one year after graduation, provided that they have satisfied the conditions as to courses, examinations, and thesis. Only advanced undergraduate courses will be accepted for the degree, and in no case shall these courses form the whole of either a major or a minor graduate course.

Undergraduates of Williams College who complete their work for the Bachelor's degree at the end of the first semester may continue in residence as candidates for the Master's degree, subject to the following restrictions: (a) Any undergraduate who has completed the requirements for graduation and who wishes to take an undergraduate course to be counted toward the Master's degree shall attend and complete this course in the manner prescribed for undergraduates, except that attendance on the last college exercise before and the first college exercise after holidays and recesses will not be required of him. (b) If he takes one, two, or three undergraduate courses, he shall pay to the College Treasurer the sum of twenty dollars a semester

for each course. If he takes more than three courses, he shall pay the tuition required of other undergraduates.

The candidates mentioned in the previous paragraph may receive the Master's degree one year after graduation, provided that they have satisfied the conditions as to courses, examinations, thesis, and fees.

The degree is conferred upon Bachelors of other colleges conferring the Bachelor's degree under conditions equivalent to those required at this college, provided that the approved courses are pursued in residence at Williams College under the specified conditions as to time, examinations, and thesis.

Each candidate must submit two courses of study, which together shall be equivalent to the work of a fifth college year. Of these courses, one, to be known as the major course, must be equivalent to at least twenty semester hours, and the other, to be known as the minor course, must be equivalent to at least ten semester hours.

Each candidate will outline his courses under the direction of the heads of the departments interested and the Committee on Graduate Students, who together shall be empowered to decide whether the candidate may pursue certain advanced undergraduate courses as part of the work leading to the degree.

Candidates for the Master's degree are required to pass their examinations with at least a B grade.

The thesis required of each candidate must treat a subject related to the major course. It must be submitted not later than May fifteenth of the year in which the candidate desires to be examined, and must meet the approval of the professor to whose department it is related and of the Committee on Graduate Students. A copy of the thesis, printed or typewritten on paper of the size generally used in a typewriter, must be deposited in the College Library.

Each candidate must file his registration with the Chairman of the Committee on Graduate Students not later than October fifth of the year in which he desires to enter on his work. The registration must be renewed not later than October fifth of

each year for which the applicant desires to be considered a candidate, and, in case of non-resident candidates, the renewal of the registration must be accompanied by a statement showing the progress that has been made during the year.

Candidates for the degree must pay to the Treasurer of the College twenty dollars at the time of the first registration, and five dollars at the time of the final examination. No further charge is made for the diploma.

The degree must be taken not later than three years after the first registration, unless the period be extended by special vote of the Committee on Graduate Students. The candidate must give notice of his readiness for the final examinations not later than May first of the year during which he expects to receive the degree. The examinations, however, may be taken earlier than the end of the final year of study, subject to the following restrictions: (a) The examination for the major course *in residence* may not be taken earlier than the Spring recess following the date of registration; and that for the minor course *in residence* not earlier than the end of the first semester following the date of registration. (b) The examination for the major course *in absentia* may not be taken earlier than the end of the first semester of the year following the date of registration; and that for the minor course *in absentia* not earlier than the Spring recess of the year of registration.

Candidates in residence who desire instruction will be charged forty dollars for each course, in addition to the prescribed fees for registration and examination. This will entitle them to one weekly period of instruction in each course. An additional charge may be made for the use of laboratory apparatus.

The college catalogue will contain the names of those candidates who take the required courses *in residence*, but not the names of those who pursue work *in absentia*.

Successful candidates for the degree are required to be present at the time when the degree is conferred, unless previously excused by the Board of Trustees.

Communications relative to the Master's degree should be addressed to Professor Monroe Nichols Wetmore, Chairman of the Committee on Graduate Students.

PUBLIC WORSHIP

Chapel exercises are held every week-day morning and Sunday evening in the Thompson Memorial Chapel, and all students are required to be present.

On every Sunday morning, a preaching service is held in the chapel at which the presence of all students not excused to attend elsewhere is required.

PREACHERS TO THE COLLEGE FOR THE YEAR

1914-1915

Franklin Carter, Ph.D., LL.D.	Williamstown.
Arthur James Gammack, D.D.	Fitchburg.
George Alexander Johnston Ross, M.A.	Union Theological Seminary.
Clarence Hall Wilson, D.D.	Glen Ridge, N. J.
Hugh Birkhead, D.D.	Baltimore, Md.
Harris Ely Adriance, M.A., B.D.	Englewood, N. J.
Charles Reynolds Brown, D.D.	Yale Divinity School.
Albert Parker Fitch, D.D.	Andover Theological Seminary.
William Douglas Mackenzie, D.D., LL.D.	Hartford Theological Seminary.
George Lynde Richardson, B.A.	Philadelphia, Pa.
Harvey Officer, B.A., S.T.B.	West Park, N. Y.
John Sheridan Zelig, D.D.	Plainfield, N. J.
Franklin Boyd Edwards, B.A.	Orange, N. J.
Charles Francis Carter, B.A., B.D.	Hartford, Conn.
Cornelius Howard Patton, D.D.	Boston.
Samuel Van Vranken Holmes, D.D.	Buffalo, N. Y.
Willis Howard Butler, B.A., B.D.	Boston.
Wilford Lash Robbins, D.D., LL.D.	General Theological Seminary.
Henry Evertson Cobb, D.D.	New York, N. Y.
Samuel Smith Drury, L.H.D.	St. Paul's School, Concord, N. H.
Clarence Augustus Barbour, D.D.	Rochester Theological Seminary.
Howard Chandler Robbins, B.A., B.D.	New York, N. Y.
Samuel Atkins Eliot, D.D.	Cambridge.
Charles Alexander Richmond, D.D., LL.D.	Union College.
John Herman Randall, D.D.	New York, N. Y.
Hugh Black, D.D.	Union Theological Seminary.
James Gore King McClure, D.D., LL.D.	McCormick Theological Seminary.

Albert Parker Fitch, D.D.	Andover Theological Seminary.
George Hooper Ferris, D.D.	Philadelphia, Pa.
John Douglas Adam, D.D.	Hartford Theological Seminary.
Charles Henry Parkhurst, D.D., LL.D.	New York, N. Y.
George Angier Gordon, D.D., LL.D.	Boston.
Charles Reynolds Brown, D.D.	Yale Divinity School.
Henry Sloane Coffin, D.D.	New York, N. Y.
Charles David Williams, D.D.	Detroit, Mich.
Washington Gladden, D.D.	Columbus, Ohio.
Harry Augustus Garfield, LL.D.	Williams College.

LIBRARY

The College Library contains eighty-one thousand volumes, exclusive of duplicates, and about twenty thousand pamphlets. The card catalogue covers the entire collection, bound and unbound. For the maintenance of the library about nine thousand three hundred and fifty dollars was expended during the past year. The Mrs. Amos Lawrence, Jonathan Phillips, J. Ruthven Adriance, D. A. Jones, R. H. Pruyn, Class of 1878, Josiah William Wheeler, Stephen and Mary Stickney Memorial, John Savary, and Elizabeth and Sarah Pattison funds represent a capital sum of about one hundred and sixty-seven thousand dollars, the income from which is increased by gifts, and by special appropriations of the Trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week-day during the entire year. From September to Thanksgiving, and from the Spring recess to Commencement, the hours are from 8 A. M. to 12 M., from 1 P. M. to 6 P. M., and from 7.30 P. M. to 10 P. M. Between Thanksgiving and the Spring recess the hours are from 8.30 A. M. to 12.30 P. M., 1.30 P. M. to 6 P. M., and from 7.30 P. M. to 10 P. M. On Sundays during the college year the library is open, for reading and reference only, from 2.30 P. M. to 5.25 P. M.

To coöperate with the instruction in particular subjects, selected books bearing on the semester's work are placed on re-

serve in the various branch libraries. Attendants are in charge of the reading rooms in Griffin Hall where books on history, economics and government are shelved and in Goodrich Hall which contains material in modern and ancient languages and on philosophy and religion. Special libraries in the Thompson Laboratories contain books on biology, physiology, chemistry, physics and astronomy, in Clark Hall on geology, and in Hopkins Hall on mathematics.

A comfortable reading room, well supplied with daily and weekly papers and other current literature, is maintained under the auspices of the Williams Christian Association in Jesup Hall. The Common Room in Currier Hall is likewise supplied with current literature.

In the reading rooms of Lawrence Hall is a valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of the late Mrs. John W. Field, of Philadelphia.

LABORATORIES

The departments of Biology, Chemistry, and Physics are located in the three buildings presented to the college by the late F. F. Thompson, Esq., of New York, N. Y.

The Biological Laboratory contains three laboratories for the various courses offered, a general lecture room, a library and reading room where much of the current literature of biology is kept on file, also a room for illustrative collections, and an aquarium. The work of instruction and research commands the aid of suitable apparatus, such as microscopes, microtomes, ovens, baths, and other necessary appliances, together with a large series of charts, models, and illustrative collections, which are continually being increased. There is also a complete stereopticon outfit, with projection microscope and arc light.

The Chemical Laboratory is supplied with modern appliances for instruction in chemistry. The building contains four large laboratories, two private laboratories, lecture and recitation rooms, and a reference library.

The Physical Laboratory contains a well-appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a ten horse-power induction motor. The electrical equipment includes a five kilowatt dynamo, several smaller dynamos and motors, and standard instruments for measuring current-strength, voltage, resistance, capacity, etc. A storage battery of fifty cells furnishes current for the lecture room and laboratories.

OBSERVATORIES

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, N. Y., with an object glass by Alvin Clark, Senior, which has an aperture of 7 inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. The meridian room of the Hopkins Observatory contains a fine portable transit which can be used as a zenith telescope, together with two clocks and a chronograph. Another room contains the meteorological apparatus. Meteorological observations have been made regularly since 1816.

In another part of the town a plot, comprising five acres and a half, was purchased in 1881 for astronomical purposes. At present this enclosure contains the Field Memorial Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a small building for the accommodation of portable instruments. The main instrument of this observatory is a meridian circle by A. Repsold & Sons of Hamburg, with a telescope of 4.8 inches aperture.

In addition, the department of Astronomy is provided with a large number of portable instruments, among which are two telescopes for the simpler observations and three surveyor's

transits, one of them a Wanschaff universal with seven-inch limb, latitude level, and microscopes reading to 5" directly. There are also several instruments of reflection, including sextants, sailor's octants, and two prismatic circles, three chronometers, artificial horizons, and other small pieces of apparatus.

GEOLOGICAL MUSEUM

The first floor of Edward Clark Hall is given up to the Geological Museum. The collections, though not large, have been carefully selected and arranged and contain many choice specimens of minerals, rocks, and fossils.

The most recent additions to the Museum are some polished sections of tree trunks of petrified wood from the petrified forest of Arizona; the excellent collection of about 175 polished specimens (4 x 6 inches) of foreign and domestic ornamental stones, presented by Mr. Francis E. Bowker, 1908; a small collection of fossil plants from Pennsylvania, and two casts, one of which is the skull of *Tyrannosaurus*, a gigantic carnivorous dinosaur, and the other, a complete skeleton of *Eryops*, a permian amphibian.

The fine collection of precious and semi-precious stones, donated largely by Mr. R. Clifford Black, 1900, is placed in a table case on the ground floor.

The nucleus of the mineral collection was the Wilder Cabinet, which was purchased and presented to the college by Edward Clark, the donor of the building that bears his name. In the early days of the college Professor Ebenezer Emmons presented his collection of North Carolina fossils as well as some from New York State, and from this the present collection of fossils grew. Through the generosity of Mr. Morris K. Jesup, as well as by means of the annual appropriations, vertebrate and invertebrate fossils have been purchased and this section of the Museum made more valuable for classroom as well as for exhibition purposes. Mr. T. Nelson Dale's donation of local rocks has made the collection of local rocks and minerals complete.

A collection of modern shells, the gift of missionary alumni and others, is on exhibition.

Models illustrating mountain structure, folding, and faulting, relief maps, crystal models, and other devices for illustrating geological features, are either on exhibition or are available for those who are interested.

The museum is open to the public each week-day of the college year from 10 to 12 A. M. and from 2 to 4 P. M.

AUDITORIUM

Grace Hall, the gift of Hon. A. C. Chapin, of the Class of 1869, contains an auditorium seating about 1300 and is equipped with an organ of unusual size and quality. Here are held the Commencement exercises, organ recitals, concerts, and dramatic entertainments. A smaller hall in the building is used chiefly for debating purposes.

GYMNASIUM

The Lasell Gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the Hon. Josiah Lasell, of the Class of 1844, and of his son, Josiah Manning Lasell, of the Class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics. Pulley-weights of the best pattern, adjustable to varying strength, light Indian clubs, dumb bells, both of wood and of iron, horizontal and parallel bars, rings, and apparatus for developing special muscles, are used under the immediate supervision of a competent instructor. An inclined padded running-track 229 feet in length, and a swimming pool 65 by 22 feet, are important features of the building. It is provided with hot and cold water, tub, sponge, and shower baths, and five hundred and fifty steel lockers. A careful examination and measurement of each student is made by the Director soon after entering college, in order that

the exercise may be adapted to individual peculiarities, and a symmetrical development secured. Gymnastic exercise is required of the Freshman class until the Spring recess.

FIELD SPORTS

The smaller athletic fields near the college buildings afford practice in lawn-tennis and baseball, while Weston Field, and the newly acquired tract, known as the John M. Cole Field, afford opportunity for baseball, football, and track athletics. The golf links and tennis courts of the Taconic Club are open, on moderate terms, to student players.

COLLEGE INFIRMARY

Each student cared for at the Thompson Infirmary is charged one dollar and a half a day. In case a physician is called in or special nurse is needed, the expense is to be borne by the person requiring the same, and the Infirmary is to be reimbursed for all expense and at the rate of six dollars a week for the nurse's board. In case of contagious disease, nurses charge extra for services. Board bills are to be paid to the College Treasurer.

A medical staff has been appointed by the Trustees of the College, composed of the following physicians: Dr. Vanderpoel Adriance, Dr. Frederic H. Howard, Dr. Frank W. Olds.

A physician other than a member of the staff may attend a student at the Infirmary, provided a written request to that effect, designating the physician, is received by the Dean of the College from the parent or guardian of the student.

THOMPSON COURSE OF ENTERTAINMENTS

This course, which for many years was sustained by the liberality of the late F. F. Thompson, Esq., of New York, N. Y., provided concerts and other entertainments during the winter. Mrs. Thompson has generously offered to continue the course for the current year.

Last year the entertainments were:

1914

- Nov. 19. The Fuller Sisters, English and Scotch Ballads.
Dec. 3. Miss Ruth Draper, Monologues.

1915

- Jan. 14. R. Dadmun, Baritone, and Salvatore de Stefano, Harpist.
Jan. 21. Benjamin Chapin in "Abraham Lincoln."
Feb. 8. Frank Speaight in "Impersonations from Dickens."
Feb. 25. Miss Lucile Stevenson, Soprano Recital.
March 12. Arthur Whiting, Pianist, and the University Quartet.
March 29. George A. Birmingham, Lecturer, "The Stage Irishman."
April 22. The Bohemian Trio.

LYCEUM OF NATURAL HISTORY

This organization was founded in 1835, and is maintained by the students of the college. Regular meetings are held at which reports are presented by the members or by visitors.

A fund established by the late William J. Walker equips expeditions, organized for the purpose of making collections and of study, at more or less distant points. This fund, which, by the terms of the gift, is awarded every fourth year, will be next available in the summer of 1916, for the encouragement of biological research at the Marine Biological Laboratory, Woods Hole.

CLASSICAL SOCIETY

The Classical Society, composed of instructors and students in the elective Greek and Latin courses, has for its object the increase of interest in the study of the classics. It holds regular meetings for the reading of classical authors, for the discussion of papers, and for reports in the fields of Greek and Latin philology and archæology.

PHI BETA KAPPA

The Williams, or Gamma of Massachusetts, chapter of Phi Beta Kappa was established July 21, 1864. The highest standing one-fourteenth of each class is elected to membership at the end of the Junior year. Sufficient men to make up one-seventh

of the class are elected after the mid-year examinations of the Senior year, provided that none fall below the minimum standing prescribed by the society.

HONORS

Honors for high scholarship will be awarded by the Faculty at the end of each college year. The names of the recipients will be read at the Commencement exercises and will be printed in the next annual catalogue. The names of Seniors taking honors may also be printed on the Commencement program.

DEGREES WITH DISTINCTION

The Faculty will recommend to the Trustees that the degree of Bachelor of Arts *cum laude* be conferred upon all members of the graduating class who have received grades equivalent to three-fourths of their semester-hours of grade B and one-fourth of grade C; that the degree *magna cum laude* be conferred upon those who have received grades equivalent to one-half of their semester-hours of grade A and one-half of Grade B; and that the degree *summa cum laude* be conferred upon those who have received grades equivalent to three-fourths of their hours of grade A and one-fourth of grade B.

SOPHOMORE HONORS

"Sophomore honors" will be awarded at the end of Sophomore year to all students who have attained grades of the same excellence as is required for the degrees with distinction at graduation.

FINAL HONORS IN SPECIAL FIELDS

"Final honors" will be awarded to all students who attain the grade of A or B in the Junior and Senior courses of their Major Group.

"Highest final honors" will be awarded to all students who attain a grade of A in all the courses of their Major Group.

PRIZES**RHETORICAL PRIZES**

On Monday evening of Commencement week, ten speakers, appointed equally from the Junior and the Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars, a part of which was given by Elizur Smith, Esq., of Lee, is appropriated for these prizes.

The Trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman class for excellence in declamation.

BENEDICT PRIZES

The late Hon. Erastus C. Benedict, of the Class of 1821, once an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments: Latin, Greek, French, German, Mathematics, Natural History, and History; and seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.* Honorable mention is here counted as a prize. In case of a tie, the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

BOOK PRIZES FROM THE RICE FUND

Six book prizes will be awarded from the Rice fund for excellence in Latin and Greek to students who are not recipients of the Benedict prizes in those subjects.

* For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase the prize to \$100.00.

GRAVES PRIZES

The late Arthur B. Graves, Esq., of the Class of 1858, founded seven prizes, amounting to two hundred dollars, which may be awarded as follows: six prizes of twenty dollars each for the best six essays prepared by members of the Senior class, on subjects assigned by the Faculty; and one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience. The essays must be deposited in the library.

VAN VECHTEN PRIZE

A prize amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of the Class of 1847, may be awarded for extemporaneous speaking. The assignment of this prize will be made by a committee of the Faculty on the basis of a public competition.

RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lathrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in both departments, but no prize will be assigned to a student who has not taken the subject for the four years of the college course. One of the elective year-courses, however, may be passed off by examination; but a course so passed may not count toward a degree.

DEWEY PRIZE

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be awarded to the member of the graduating class who presents the most creditable oration in point of composition and delivery at the Commencement exercises.

LATHERS PRIZE AND MEDAL

The income of a fund of one thousand dollars, received from the late Col. Richard Lathers, is to be used each year as a cash prize of about fifty dollars and also for the making of the Lathers bronze medal from a mould or die, for the manufacture of which Col. Lathers gave an additional sum of one hundred dollars. This cash prize and medal will be offered in competition to all members of the Senior class who hand to the Secretary of the Faculty, on or before the first day of March preceding their graduation, a written essay of not less than one thousand words on a subject indicated by the Faculty concerning the duty or relation of citizens to the government, and will be assigned to that writer whose essay is pronounced by a committee of the Faculty to be the most worthy of publication. The essay selected shall then be sent by the Secretary of the Faculty to the *Springfield Republican*, or to a journal published in Pittsfield, with the request that it may appear in an early issue of such newspaper. In case none of the competing essays is adjudged worthy of publication, no medal for that year will be awarded.

The subject for the current year is "The political duties of citizens of the United States."

DAVID A. WELLS PRIZE

In accordance with the will of the late David A. Wells, of the Class of 1847, a prize of \$500 will be awarded annually for the best essay upon a subject in any one of a number of branches of Political Science.

The will provides that if no essay deemed worthy of the prize be presented in any year the award shall be withheld for that year. The successful essay will be printed and circulated by the college out of the residual income of the fund.

Competition is limited by the terms of its foundation to Senior undergraduates, and to graduates of Williams College of not more than three years' standing.

The following provision of the will of the founder of the competition governs the committee in the selection of subjects and in the consideration of essays:

"No subjects shall be selected for competitive writing or investigation and no essay shall be considered which in any way advocates or defends the spoliation of property under form or process of law; or the restriction of commerce in times of peace by legislation, except for moral or sanitary purposes; or the enactment of usury laws; or the impairment of contracts by the debasement of coin; or the issue and use by Government of irredeemable notes or promises to pay intended to be used as currency and as a substitute for money; or which defends the endowment of such 'paper,' 'notes,' and 'promises to pay' with the legal tender quality."

The subject for the competition for the prize for 1917 will be announced during the winter of 1915-16. President Garfield will furnish competitors with the titles of authorities on the subject, on application.

The essays in the competition must be sent by March 15, 1917, to the president of the college, to whom all communications should be addressed.

The competition for the prize of 1917, with the qualifications already stated, is open to the members of the Classes of 1914, 1915, 1916, and 1917.

CANBY ATHLETIC SCHOLARSHIP PRIZE

A prize of fifty dollars, established by W. Marriot Canby, Jr., of the Class of 1891, may be awarded at Commencement to that member of the Senior class who shall have attained the highest

average standing in scholarship during his course, and who shall have fulfilled the requirements of eligibility.

Any member of the Senior class who has been in college since the beginning of his Junior year, and who, at any time during his college course, has represented the college in any recognized intercollegiate athletic contest, shall be eligible.

JOHN SABIN ADRIANCE PRIZE IN CHEMISTRY

Mr. John Sabin Adriance, of the Class of 1882, has given a fund of one thousand dollars, the income of which is to be given to that person who, in the opinion of the instructors in the chemical department, has maintained during his course the highest rank in all the courses offered in that department.

CONANT-HARRINGTON PRIZE IN BIOLOGY

This prize, which yields twenty-five dollars annually, has been founded by the Class of 1893, in memory of their deceased classmates, whose names it bears. The award of this prize is made, upon the recommendation of the Professor of Natural History, to that member of the Senior class who, in his judgment, is best fitted to profit by advanced biological study. The money thus awarded will be used to pay the tuition fee of such student at the Marine Biological Laboratory, Woods Hole.

GREEK PRIZES

The sum of one hundred dollars, contributed annually, for the present, by Eugene Delano, Esq., of the Class of 1866, is awarded in three prizes of fifty, thirty, and twenty dollars respectively, to the members of the Junior class who have shown the greatest excellence in the Greek studies of the Sophomore and Junior years.

FRANCIS W. RAWLE MEMORIAL CUP

By the gift of Messrs. Felton Bent and Henry D. Riley, of the Class of 1895, a cup, to be known as the Francis W. Rawle Memorial Cup, will be awarded annually on the thirtieth day of

May to that member of the Freshman class who, in the opinion of the Athletic Council and the Faculty, or a committee thereof, shall have shown during his first full year in college the most marked progress in those branches of athletics that now are and hereafter may be prescribed by the Faculty as courses to be taken by the Freshman class. It is further required that the recipient of the cup shall have maintained during his first year an average of at least C in his college work.

HORACE F. CLARK PRIZE SCHOLARSHIPS

Two Horace F. Clark Prize Scholarships, in honor of Horace F. Clark, Esq., of the Class of 1833, have been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter.

These two scholarships of \$500, which in exceptional cases may be combined in a single prize of \$1,000 or may be continued to the same holder for more than one year, are awarded annually to such member or members of the Senior class as may be chosen by the Faculty on the basis of superior scholarship, general ability, and interest in scholarly research, the sum to be paid in instalments at the end of each quarter. Competitive examinations on designated subjects connected with the regular studies of the course and supplementary thereto may be required to test the ability of the candidates.

WILLIAMS COLLEGE GREEK FELLOWSHIP

The sum of \$800 is contributed annually to enable a member of the graduating class, who shows scholarly promise and has distinguished himself in the fields of Latin and Greek classics, to pursue his studies at Athens, at the American School of Classical Studies. The appointment is made by the Faculty on the recommendation of the Departments of Greek and Latin, and may be withheld if there is no suitable candidate. The fellowship is paid in two instalments, at Commencement and in January.

SCHOLARSHIPS**HONOR SCHOLARSHIPS**

Several "Honor Scholarships" have been founded by alumni and friends of the college, in order to afford pecuniary aid, and to recognize successful scholarship. But under the present system all scholarships are considered "Honor Scholarships," and therefore these special "Honor Scholarships," five in number, are now merged in the general list in accordance with previous announcements.

GENERAL SCHOLARSHIPS

The income from the endowments included in the appended list, amounting to about \$9,250 annually, is distributed, by direction of the Trustees, to those students who are known to need aid.

The regulations are as follows:

1 Applications must be made in advance to the Committee on Scholarships upon forms provided by the Dean. Scholarships granted at the beginning of the college year will be continued through the year, except when forfeited for causes mentioned in paragraph 7. All scholarships lapse at the close of the college year. Application for renewal, including a complete statement of income and expenditure for the year preceding, must be filed before July 1st upon forms provided by the Committee.

2 All promises of scholarships to students before their admission are provisional. If entrance conditions or college deficiencies are standing against the candidate when the college year opens, his scholarship may thereby be forfeited.

3 All holders of scholarships are expected to carry the number of courses normal for Freshmen, Sophomores, Juniors, or Seniors, namely four for Sophomores, and five for members of the other classes, except that for the second semester of the Senior year, four instead of five courses may be sufficient.

4 Freshmen receive a stipend of seventy dollars for the first semester. If warranted by grades attained in the first semester, this stipend may be increased for the second semester, according to the scale given below.

After the Freshman year, stipends range from one hundred and forty to two hundred dollars per annum, payable by semesters, and are regraded at the beginning of each year on the basis of the standing attained during the previous year, according to the following scale:

Group 1 \$100.00 per semester	Group 4 \$77.50 per semester
Group 2 92.50 per semester	Group 5 70.00 per semester
Group 3 85.00 per semester	

5 A Freshman or a Sophomore who fails to obtain grades as high as C in at least six semester courses will lose his scholarship for the following year. See 8 below.

6 After the Sophomore year, a student who fails to obtain grades as high as C in at least eight semester courses will lose his scholarship for the following year.

7 Any one of the following causes may prevent the consideration of an application, or cause the forfeiture of a scholarship already awarded:

- (a) Evidence satisfactory to the Committee that the scholarship is not needed;
- (b) Gross neglect of work;
- (c) Any serious misconduct;
- (d) Indulgence in intoxicating liquors;
- (e) Expensive habits. Holders of scholarships must satisfy the Committee that they are exercising strict economy in respect to room, board, and general living expenses.

8 A scholarship may be restored after the lapse of a semester, if the cause of forfeiture has been removed.

Lists of all holders of scholarships, except Freshmen, are printed in the catalogue in groups according to grades.

LIST OF SCHOLARSHIP FUNDS

The John C. Baldwin Fund, 1871.....	\$27,915.14
The William Hilton Fund, 1897, 1899.....	25,710.00
The Alumni Scholarship Fund, 1870.....	10,000.00
The Stephen Stickney Family Memorial Fund, 1910.....	10,000.00
The Mrs. Abby Burrall Mills Fund, 1876.....	8,300.00
The Massachusetts Fund, 1869.....	7,500.00
The Woodbridge Little Fund, 1811, 1813.....	6,000.00
The Ebenezer R. Goodnow Scholarship Fund, 1894.....	6,000.00
The Moses Day Fund, 1880.....	5,000.00
The Thomas Thornton Read Permanent Fund, 1888.....	5,948.93
The Mary Brown Ward Warner Scholarship, 1909.....	5,000.00
The Wolcott H. Johnson Scholarship.....	5,000.00
The Three Commonwealth Scholarships, 1861.....	4,500.00
The Horace Nathaniel Pennoyer Scholarship, 1895.....	3,500.00
The Francis Henshaw Dewey Scholarship, 1888.....	3,000.00
The Henshaw Scholarship, 1888.....	3,000.00
The Joseph White Memorial Scholarship, 1903.....	3,000.00
The Thomas Thornton Read Scholarship, 1875.....	2,500.00
The Scholarship of the Class of 1851.....	2,500.00
The Scholarship of the Class of 1852.....	2,500.00
The Mrs. Louisa F. Bartlett Scholarship, 1874.....	2,500.00
The Homer Bartlett Scholarship, 1861, 1874.....	2,500.00
The William Hyde Scholarship, 1869, 1875.....	2,500.00
The Mrs. William Hyde Scholarship, 1880.....	4,756.25
The Orrin Sage Scholarship, 1853, 1875.....	2,500.00
The Miss Sarah Ruth Sage Scholarship, 1880.....	4,756.25
The Hancock Scholarship, 1875.....	2,500.00
The Olin White Geer Memorial Scholarship, 1884.....	2,500.00
The Paul Ansel Chadbourne Scholarship, 1889.....	2,500.00
The Charles Henry Thomson Scholarship, 1871.....	2,500.00
The James Ruthven Adrians Memorial Scholarship, 1880.....	2,500.00
The Samuel Dennis Warren Scholarship, 1870.....	2,500.00
The Charles Franklin Gilson Scholarship, 1881.....	2,500.00
The Scholarship of the Class of 1867.....	2,500.00
The Scholarship of the Class of 1862.....	2,500.00
The Ephraim Flint Scholarship, 1904.....	2,500.00
The Abraham Lansing Scholarship, 1906.....	2,500.00
The Henry P. Brush Scholarship, 1885.....	2,375.00
The Amos Lawrence Scholarships, 1847.....	2,000.00
The Charles Augustus Dewey Scholarship, 1886, 1870.....	1,500.00

The Charles A. Jessup Scholarship, 1879.....	\$1,000.00
The Mrs. Robert Means Fund, 1857.....	1,000.00
The Abraham Baldwin Olin Scholarship, 1866.....	1,000.00
The George H. Rosseter Scholarship, 1873.....	1,000.00
The Newton Henry Rosseter Scholarship, 1870.....	1,000.00
The Mrs. Charlotte Cone Scholarship, 1856.....	1,000.00
The Charles Stoddard Scholarship, 1866.....	1,000.00
The Emory Washburn Scholarship, 1877.....	1,000.00
The Mrs. Sarah Woodhull Arms Scholarship, 1877.....	1,000.00
The Cyrus Taggart Mills Scholarship, 1886.....	1,000.00
The Michael Edward Driscoll Fund, 1896.....	1,000.00
The George Anderson Scholarship, 1906.....	1,000.00
The John Dudley Hardy Fund, 1902.....	1,000.00
The Col. Henry Root Scholarship Fund, 1907.....	1,987.78
The Benjamin Howard Fund, 1902.....	952.50
The Ezra Starkweather Fund, 1835.....	943.60
The Franklin Marcellus Olds Fund, 1886.....	700.00
The Charles Merriam Scholarship, 1860.....	550.00
The J. Barker and Brothers Scholarship, 1856.....	500.00
The W. W. Mason Scholarship, 1856.....	500.00
The B. F. Bancroft Scholarship, 1856.....	500.00
The Bela Peck Williams Scholarship, 1859.....	500.00
The Thomas W. Williams Scholarship, 1859.....	500.00
The John Tatlock, Jr., Fund, 1892.....	500.00
The Charles Andrews Heath Fund, 1897.....	500.00
The Ira Jewett Geer Fund, 1902.....	500.00
The Fund of the Class of 1840.....	500.00
The Fund of the Class of 1857.....	500.00
The Fund of the Class of 1860.....	450.00
The Funds of six other classes.....	337.00
The Frank Benjamin Yates Fund, 1897.....	500.00
The Mrs. Betsy Barnes Fund, 1879.....	300.00
The Fund of the Class of 1848.....	300.00
The Fund of the Class of 1847.....	200.00
Total.....	\$224,982.45

The Horace F. Clark Prize Scholarship Fund of \$20,000 is not a part of the General Scholarship Fund, its income being distributed as prizes to all successful competitors without regard to their pecuniary circumstances, as is explained on page 114.

EXPENSES

Tuition, \$75 per semester.....	\$150.00	\$150.00
Room charge, \$25 to \$80 per semester.....	50.00	160.00
Board, \$6 to \$7 per week (38 weeks).....	228.00	266.00
Stationery, books, magazines, etc.....	30.00	30.00
Laundry, repair of clothes, etc.....	30.00	40.00
*Athletic tax, about 15% of room charge.....	7.50	24.00
Light.....	5.00	9.00

Total, from\$500.50 to \$679.00

These items represent the most essential expenses for the year. To them must be added the cost of furnishing a room. Other expenditures must depend entirely upon the personal tastes and habits of the student.

In addition to these items a fee is charged for the use of apparatus and materials in connection with the following courses:

<i>Art 1-2</i>	\$6.00
<i>Biology 2</i>	2.00
<i>Biology 3-4</i>	10.00
<i>Biology 5-6</i>	6.00
<i>Biology 7-8</i>	10.00
<i>Chemistry 1</i>	3.00
<i>Chemistry 2</i>	10.00 and breakage
<i>Chemistry 3-4</i>	10.00 " "
<i>Chemistry 5</i>	10.00 " "
<i>Chemistry 6</i>	5.00 " "
<i>Chemistry 7</i>	5.00 " "
<i>Chemistry 8</i>	5.00 " "
<i>Chemistry 10</i>	5.00
<i>Geology 3</i>	5.00
<i>Physics 1-2</i>	5.00
<i>Physics 3-4</i>	10.00
<i>Physics 5-6</i>	10.00

* The athletic tax is imposed by vote of the student body for the purpose of defraying the expenses of the various athletic organizations. Students working their way through college, however, are exempted from this tax, and those holding scholarships are exempted from 25% of the normal tax.

An additional charge of \$10.00 is made on the last semester bill of the Seniors to cover expenses of graduation.

Every student's bill is mailed to him at the beginning of each semester, and he is held responsible for prompt payment, which is required in advance. In case any student fails to pay by the end of the second week after the date of the bill, he may be excluded from all college exercises. No part of a term bill will be refunded for any cause.

Special damage done to college property by students will be charged to them.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance fees, viz.: Sophomores, \$10; Juniors, \$20; Seniors, \$30.

Every student taking courses amounting to more than 16 hours per week at the beginning of any semester will be charged a supplementary fee of \$10 for the extra instruction of that semester; and every student taking courses amounting to more than 19 hours per week at the beginning of any semester will be charged a supplementary fee of \$20 for the extra instruction of that semester.

COLLEGE ROOMS

The college has seven buildings used as dormitories. There are ten triple rooms, one hundred and fifty double rooms, and thirty-one single rooms. These accommodate about three hundred and sixty students. The buildings are heated from a central heating plant. Each man provides his own light. Each building has bath-room and toilet conveniences.

Necessary repairs are made by the college, but all additional work is at the expense of those who occupy the rooms.

There are three methods of securing rooms: by occupancy, by lot, and by application.

1 Up to May 1st of each year the two occupants of any room may retain their room for the ensuing college year by renewing their application and paying half of the yearly charge. One student may hold his half of a double room by securing a room-mate from his own class or from an upper class.

2 The rooms not thus re-engaged are offered to the classes in college in order of their seniority, the choice in each instance being determined by lot.

3 All rooms not taken by the men in college are open to the entering class in the order of application. This application does not constitute a promise on either part, but it gives the applicant an opportunity to select a room if, when the time of choice comes, there is any room open that he desires. An early application is wise. If he wishes a double room, he must select his own room-mate at the time the application is filed, or take the next man on the application list.

To secure a room the applicant must sign the following paper:—

The undersigned hereby applies for the assignment to him of one-half of Room No.....infor the college year..... subject to all the published room regulations, and for his personal use and occupancy as a student, and agrees to pay therefor as a part of the annual charges during said year against the undersigned as a student the sum of \$.... payable in half-yearly payments. The first half-yearly payment shall be payable when the assignment is made and no part thereof shall be refunded under any circumstances.

The payment of one half of the yearly charge when the assignment is made is required of all who take college rooms, both those already members of the college and those intending to enter.

The man who signs for a room must occupy it himself; he cannot transfer it. No double room is secured until both applications are on file with the Treasurer. Each occupant of a college room is held responsible for all damage done to his room.

Students who leave college at the end of the college year, as well as those who are to change from one room to another, or from a college room to a private house or a society house, must remove all furniture and other property from their rooms immediately after Commencement. Furniture not thus removed by the owner will be removed by the college employees and stored at the owner's expense. This expense will be collected of students who leave college when the property is taken away, but in cases of other students it will be charged in the next term bill. All things sent for the students during vacation should be sent in the care of the Superintendent of Buildings.

All students are required to reside in the college dormitories during their first two undergraduate years, unless excused by the Committee on Administration for reasons to be presented in writing by the applicant.

Descriptive lists and price lists of rooms and general information may be obtained on application to the Treasurer.

COMMONS

The College Commons in Currier Hall accommodates about one hundred and fifty men. The management is in the hands of the Commons Club, a student organization, which arranges with a caterer for board. The weekly charge is \$6.00. In addition to the dining room, a large and attractively furnished common room is maintained.

WILLIAMS INN

The Williams Inn, formerly the Williams Alumni House, owned by a corporation composed of alumni of the college, is a public inn and is open throughout the year.

HOLDERS OF SCHOLARSHIPS

The following list of holders of scholarships is considered an "honor list." It includes the names of none who have not been in college for at least a year, and of none who failed to satisfy the requirements stated on page 116. It therefore excludes the names of all Freshmen and other new students, though they may be receiving the pecuniary advantages of scholarships.

It excludes also the names of a few students who hold scholarships by special vote of the Trustees.

The list is based on the work of the last year, as explained in section 4 on page 116.

A few scholarships are dependent upon local considerations or personal nomination. Incumbents of such scholarships are placed in the groups which correspond to their standing, without regard to the actual value of the scholarships which they hold.

GROUP I

1917

George Lynde Richardson, Jr.

GROUP II

1917

William Henry Kelton

1918

John Edwin Bakeless
George Harvey Genamer
Harold Edgar Hemstreet
Alfred William Peterson

GROUP III

1916

Claude Milton Haggerty
Edward Francis Oakes

1917

Duncan Bassett Murphy
Victor Elting Pattou

GROUP IV

1916

George Cyril Jordan
Francis Michael McMahon

1917

Rayford Whittingham Logan
John Valentine

1918

Thomas Walsh Bartram
Miles Morgan Hapgood
John Winthrop Mott

GROUP V

1916

Herbert Carey Fowler
Albert Leonard Grindy
Ira Alden Hawkins, Jr.
Horace Dudley Peck
Gomer John Williams

1917

George Jarvis Coffin
Randolph Foster Debervoise
Luther Carrington Goodrich
Joseph Robert Hewitt
David Elwood Jeffery
Myron Alan Moore
Lewis Robert Owen
Harold Elliott Rich
Philip Sidney Sayles

1918

Wallace Edmonds Conkling
Leonard Bogue Hotchkiss
Leonard Cheney Maier
Thomas Edward Maytham
Foster Parmelee
George Francis Pieper
Frederick Dobson Pollard
James Leland Rose
John McClellan Withrow

PRIZES AWARDED AT COMMENCEMENT, 1915

RHETORICAL PRIZES

General Prize

Carl Edward Kieser Class of 1917

Junior Prizes

FIRST PRIZE—Irving Maxwell Day Class of 1916

SECOND PRIZE—Jack Arthur Conway Class of 1916

Sophomore Prizes

FIRST PRIZE—Gilbert James Cathcart McCurdy Class of 1917

SECOND PRIZE—Bennet Fellows Schauflier Class of 1917

PRIZES FOR FRESHMAN DECLAMATION CONTEST

Not awarded

BENEDICT PRIZES

In Latin

FIRST PRIZE—George Lynde Richardson, Jr. Class of 1917

SECOND PRIZE, equally divided { Reginald Aldrich Cook Class of 1917
Henry Douglas Wild Class of 1917

In Greek

FIRST PRIZE—George Lynde Richardson, Jr. Class of 1917

SECOND PRIZE—Reginald Aldrich Cook Class of 1917

HONORABLE MENTION—Henry Douglas Wild Class of 1917

In French

FIRST PRIZE—Tully Orton Buckner Class of 1918

SECOND PRIZE, equally divided { Charles Frederick Arnold
Brewer Class of 1916
John Valentine Class of 1917

In German

FIRST PRIZE—Jack Butler Johnstone Class of 1916

SECOND PRIZE—Carl Edward Kieser Class of 1917

WILLIAMS COLLEGE

In Mathematics

FIRST PRIZE—William Henry Kelton.....Class of 1917
 SECOND PRIZE—Gilbert James Cathcart McCurdy.....Class of 1917
 HONORABLE MENTION—John Aubrey Wright, Jr.....Class of 1918

In Natural History

FIRST PRIZE—James Charles Fox.....Class of 1916
 SECOND PRIZE—Edward Francis Oakes.....Class of 1916

In History

FIRST PRIZE—Ralph Finch Palmer.....Class of 1915
 SECOND PRIZE—Daniel Schneck Keller.....Class of 1915

PRIZE FOR PRIZES

Daniel Schneck Keller.....Class of 1915

GRAVES PRIZES

For Essays—Class of 1915

Robert Noble Golding	Bruce Messer Smith
Daniel Schneck Keller	Lessing Whitford Williams
John Nestell Leonard	Theodore Ryder Williams

For Excellence in Delivery

Robert Noble Golding

VAN VECHTEN PRIZE FOR EXTEMPORANEOUS SPEAKING

Daniel Schneck Keller.....Class of 1915

RICE PRIZES

In Latin

FIRST PRIZE—Edwin Gates Nash.....Class of 1915
 SECOND PRIZE—Robert Chesley Brewster.....Class of 1915

In Greek

FIRST PRIZE—Robert Chesley Brewster.....Class of 1915
 SECOND PRIZE—Morris James Kidder.....Class of 1915

BOOK PRIZES FROM THE RICE FUND

Barron Brainerd.....	Class of 1915
Van Henry Cartmell, Jr.....	Class of 1917
Stanton Garfield	Class of 1917
Lincoln Lewis Kellogg.....	Class of 1917
Francis Michael McMahon.....	Class of 1916
Kendall Wyman.....	Class of 1917

DEWEY PRIZE FOR EXCELLENCE IN THE COMMENCEMENT
EXERCISES

Daniel Schneck Keller.....	Class of 1915
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LATHERS MEDAL AND PRIZE

Not awarded

DAVID AMES WELLS PRIZE

Not awarded

CANBY ATHLETIC SCHOLARSHIP PRIZE

John Daire Van Cott.....	Class of 1915
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JOHN SABIN ADRIANCE PRIZE IN CHEMISTRY

Russell Bare Garver.....	Class of 1915
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CONANT-HARRINGTON PRIZE IN BIOLOGY

Not awarded

DELANO PRIZES IN GREEK

FIRST PRIZE—Robert Chesley Brewster.....	Class of 1915
SECOND PRIZE—Claude Milton Haggerty.....	Class of 1916
THIRD PRIZE, equally divided {	
John Wilson Freeman.....	Class of 1915
Donald Frederick Geddes.....	Class of 1916

DEBATING PRIZES

FIRST PRIZE—Charles David Kepner.....	Class of 1916
SECOND PRIZE—Daniel Schneck Keller.....	Class of 1915

DEGREES CONFERRED IN 1915

DEGREES IN COURSE

BACHELOR OF ARTS

Harold Manning Adams
 William Russell Augur
 Philip Stanley Barnes
 Gerhard Frederick Behre
 Franklin Edward Bernsten
 Farnam Jay Bowen
 Charles William Brackett
 Barron Brainerd
 William Randlette Brock
 George Washington Brodie, Jr.
 Walter Carlos Bronson
 Cornelius Merrill Brown
 John David Campbell
 Ralph MacKenzie Campbell
 Caspar William Clarke
 Eugene Maurice Cole
 Howard Chappel Cole
 Peter Fries Connor
 Donald Crane
 Conrad Ford Cutler
 Elliott Debevoise
 John Martin Deely
 Ira Millard Dempsey
 David Short Dennison
 Keith Francis Driscoll
 George Goodman Ernst
 Herbert Nichols French
 Herbert Lincoln Frink
 Thomas Foster Furness
 John Wily Garrett, 2d
 Russell Bare Garver

John Mason Gilchrist
 Roger Morton Gildersleeve
 Randolph Wyman Gleason
 Robert Noble Golding
 David Gilbert Gregor
 Charles Blake Hall
 Herbert Sutherland Havens
 Charles Myron Hayden
 Laurance Stanford Haynes
 Ernest Myers Hedden
 Richard Hallaran Hodge
 Charles Mcpherson Holt
 Herbert Roy Horton
 George Loring Hubbell, Jr.
 Morris James Kidder
 Henry Randolph Knowlton
 Thomas Alexander Langford
 John Nestell Leonard
 Henry Martyn Lester, Jr.
 Frank Angelo MacNamee, Jr.
 Charles Rust Macpherson
 Frank LeRoi Main
 Barry Lincoln Morgan
 James Fay Newton
 Edgar Burnside Parsons
 William Kennell Paton
 Andrew Fleming Patterson
 Phillips Merrill Payson
 Charles Blanchard Phelps, Jr.
 Alfred Perkins Pillsbury
 Edward Erakine Porter

George Stephen Potwine
Dwight Harold Pratt
Henry Townsend Pratt
David Remer
Louis Rudnick
Bruce Messer Smith
Harold Allen Spring
Thomas Stuart Squire

Robert Burrough Swain
Joseph Haas Titus
Cyprian Andrew Toolan
John Cowperthwaite Tyler
George Whitefield Van Slyck
Albert Perry Waterman, Jr.
Theodore Ryder Williams
Donald Winston

Frederick Schaefer Winston

CUM LAUDE

William Booth, $\Phi. B. K.$
Robert Chesley Brewster
Willis Ward Fay, $\Phi. B. K.$
John William Ferguson, Jr., $\Phi. B. K.$
John Wilson Freeman
Lewis Chapman Gilger
Edward Marion Hay
Jack Butler Johnstone, $\Phi. B. K.$

Daniel Schneck Keller, $\Phi. B. K.$
Edwin Gates Nash, $\Phi. B. K.$
Ralph Finch Palmer, $\Phi. B. K.$
Alfred Shriver
John Daire Van Cott, $\Phi. B. K.$
John Franklin Wharton, $\Phi. B. K.$
Kneeland Ball Wilkes, $\Phi. B. K.$
Oliver James Wilson

Paul Pickering Wrigley, $\Phi. B. K.$

MAGNA CUM LAUDE

Lesling Whitford Williams, $\Phi. B. K.$ (*Valedictorian*)

MASTER OF ARTS

John Beebe Gibson

Major: English; *Minor:* Government

Thesis: The Sincerity of John Henry Newman

Percival Wilcox Whittlesey

Major: Greek; *Minor:* Philosophy

Thesis: Plato's Theory of Ideas

Frank Lewis Duley

Major: Latin; *Minor:* Greek

Thesis: Roman Diplomacy as Illustrated by the Letters of Cicero

HONORARY DEGREES

MASTER OF ARTS

Harry Dwight Nims Charles Hamilton Sabin John Albertson Sampson

DOCTOR OF DIVINITY

William Russell Bennett John Hopkins Denison

DOCTOR OF LAWS

Marcus Perrin Knowlton

STUDENTS

CANDIDATES (IN RESIDENCE) FOR THE DEGREE OF MASTER OF ARTS

Cornelius Merrill Brown, B.A., 1915, Matawan, N. J.		T.C.L.
<i>Chemistry</i>	<i>Biology</i>	
Ralph MacKensie Campbell, B.A., 1915, East Orange, N. J.		B. G. II. House
<i>Romance Languages</i>	<i>Government</i>	
George Albert Moore, B.A., 1914, Franklin and Marshall College Lancaster, Pa.		
<i>Latin</i>	<i>English</i>	31 North St.
Edward Francis Oakes, 1916, Palatine Bridge, N. Y.		14 and 16 E.C.
<i>English</i>	<i>Philosophy</i>	
Ralph Finch Palmer, B.A., 1915, Brooklyn, N. Y.		27 B.H.
<i>Religion</i>	<i>European History</i>	
Richard Burton Rockwood, 1916, Englewood, N. J.		A. T. House
<i>Romance Languages</i>	<i>German</i>	

LIST OF ABBREVIATIONS

The following abbreviations are used in the addresses of students:

B. H.	Berkshire Hall	T. B. L.	Thompson Biological Laboratory
C. H.	Currier Hall	T. C. L.	Thompson Chemical Laboratory
E. C.	East College	T. P. L.	Thompson Physical Laboratory
F. H.	Fayerweather Hall	W. C.	West College
J. H.	Jesup Hall	W. H.	Williams Hall
M. H.	Morgan Hall		

SENIORS—CLASS OF 1916

Arthur Allan Andrews	<i>Canandaigua, N. Y.</i>	Φ. Γ. Δ. House
Ferris Marion Angevene	<i>Brookline</i>	Φ. Γ. Δ. House
Elbert Baldwin	<i>Lakewood, N. J.</i>	St. Anthony Hall
Elbert Hyatt Bancker	<i>Brooklyn, N. Y.</i>	B. Θ. Π. House
Stuart-Menteth Beard	<i>Yonkers, N. Y.</i>	X. Ψ. Lodge
Alfred Benjamin	<i>New York, N. Y.</i>	7 B. H.
Frank Merrill Brasier	<i>New York, N. Y.</i>	Θ. Δ. X. House
Charles Frederick Arnold Brewer	<i>Middletown, Conn.</i>	Θ. Δ. X. House
Talbot Magruder Brewer	<i>New York, N. Y.</i>	K. A. Lodge
Norman Brown	<i>Portland, Me.</i>	K. A. Lodge
Donald Diehl Brumbaugh	<i>Orange, N. J.</i>	Δ. K. E. House
Gordon Wyatt Cameron	<i>Williamstown</i>	Φ. Z. K. House
William Gail Camp	<i>Buffalo, N. Y.</i>	16 F. H.
Horace Weston Chapman	<i>Bangor, Me.</i>	Φ. Δ. Θ. House
William Dearborn Clark	<i>San Francisco, Cal.</i>	Φ. Δ. Θ. House
Douglas Rulison Coleman	<i>New York, N. Y.</i>	18 Spring St.
Theodore Brigham Conklin	<i>New Rochelle, N. Y.</i>	Z. Ψ. House
Jack Arthur Conway	<i>Brooklyn, N. Y.</i>	Φ. Δ. Θ. House
Irving Maxwell Day	<i>Schenectady, N. Y.</i>	B. Θ. Π. House
Wolfram Charles Franklin Day	<i>New York, N. Y.</i>	A. Δ. Φ. House
Cary Freeman Denny	<i>Brooklyn, N. Y.</i>	St. Anthony Hall
Edward William Young Dunn	<i>Jersey City, N. J.</i>	Z. Φ. Place
Hobart Bigelow Emerson	<i>Newton</i>	Θ. Δ. X. House
George Faunce, Jr.	<i>Carnegie, Pa.</i>	X. Ψ. Lodge
George Siemers Fayen	<i>Montclair, N. J.</i>	Δ. T. House
George Dick Finlay, Jr.	<i>Montclair, N. J.</i>	A. Δ. Φ. House
Henry Needham Flynt	<i>Monson</i>	Z. Ψ. House
Herbert Carey Fowler	<i>East Orange, N. J.</i>	Θ. Δ. X. House
James Charles Fox, Jr.	<i>Middletown, Conn.</i>	X. Ψ. Lodge
William Harris Funk	<i>South Bend, Ind.</i>	X. Ψ. Lodge
James Abram Garfield	<i>West Mentor, O.</i>	A. Δ. Φ. House
Donald Frederick Geddes	<i>Toledo, O.</i>	X. Ψ. Lodge
Russel Mortimer Geer	<i>West Hartford, Conn.</i>	Δ. T. House
Frederick Virginus Geier	<i>Cincinnati, O.</i>	Z. Ψ. House
Bulkley Southworth Griffin	<i>Springfield</i>	K. A. Lodge
Albert Leonard Grindy	<i>North Adams</i>	Φ. Z. K. House
Claude Milton Haggerty	<i>Holyoke</i>	7 B. H.

Everest Denslow Haight	<i>Brooklyn, N. Y.</i>	St. Anthony Hall
Ira Alden Hawkins, Jr.	<i>Warwick, N. Y.</i>	Φ. Γ. Δ. House
George McGill Hayes	<i>Canandaigua, N. Y.</i>	X. Ψ. Lodge
Sherwood Hubbell	<i>Garden City, N. Y.</i>	Δ. K. E. House
James Foley Hurd	<i>Albany, N. Y.</i>	X. Ψ. Lodge
George Alvan Hyde	<i>Wichita, Kan.</i>	Θ. Δ. X. House
Leonard Jacob, 2d	<i>Schenectady, N. Y.</i>	Z. Φ. Place
Henry Eugene Jones, Jr.	<i>Riverside, Conn.</i>	5 E. C.
Jay Sylvester Jones, Jr.	<i>Brooklyn, N. Y.</i>	Φ. Δ. Θ. House
George Cyril Jordan	<i>North Adams</i>	14 and 16 E. C.
William Dorsey Kennedy	<i>East Cleveland, O.</i>	Ψ. T. House
Charles David Kepner, Jr.	<i>Newtonville</i>	Φ. Γ. Δ. House
Henry William King	<i>Alma, Mich.</i>	A. Δ. Φ. House
Richard Bryan Leake, Jr.	<i>Arlington, Vt.</i>	St. Anthony Hall
Otto Emil Lohrke	<i>East Orange, N. J.</i>	K. A. Lodge
Raymond Flint Long	<i>Summit, N. J.</i>	10 W. H.
Kenneth Gaston McClure	<i>Yonkers, N. Y.</i>	K. A. Lodge
Samuel Campbell McKown, Jr.	<i>Rochester, N. Y.</i>	B. Θ. Π. House
Francis Michael McMahon	<i>Pittsfield</i>	7 and 3 B. H.
Elias Marks	<i>Cincinnati, O.</i>	20 B. H.
John Marshall, Jr.	<i>Anchorage, Ky.</i>	Z. Ψ. House
Richard Stratton Maynard	<i>Brooklyn, N. Y.</i>	St. Anthony Hall
Gordon Hunt Michler	<i>Greenwich, Conn.</i>	18 Spring St.
Dudley Miller	<i>Brooklyn, N. Y.</i>	Z. Ψ. House
William Lincoln Moffat, Jr.	<i>Brooklyn, N. Y.</i>	Z. Ψ. House
Emil Henry Frederick Molthan	<i>New York, N. Y.</i>	Δ. K. E. House
Leonard David Newborg	<i>New York, N. Y.</i>	2 B. H.
Edward Francis Oakes	<i>Palatine Bridge, N. Y.</i>	14 and 16 E. C.
Charles Stott Oakley, Jr.	<i>White Plains, N. Y.</i>	Δ. T. House
Carleton Kingsley Ober	<i>White Plains, N. Y.</i>	4 F. H.
Joseph Aloysius Fives O'Brien	<i>Bennington, Vt.</i>	5 E. C.
Robert Julien Oppenheimer	<i>New York, N. Y.</i>	39 W. H.
Carlton Bynner Overton]	<i>Montclair, N. J.</i>	Θ. Δ. X. House
Horace Dudley Peck	<i>New York, N. Y.</i>	14 and 16 E. C.
Elisha Barclay Powell, Jr.	<i>Oswego, N. Y.</i>	Z. Φ. Place
Edward Lyndal Reed	<i>Wayne, Pa.</i>	Δ. K. E. House
William Schreuder Rhoades	<i>Brooklyn, N. Y.</i>	Δ. K. E. House
George Harrison Richards	<i>Winsted, Conn.</i>	8 F. H.
Richard Burton Rickwood	<i>Englewood, N. J.</i>	Δ. T. House
Joseph Jones Russell	<i>Ilion, N. Y.</i>	9 B. H.
Charles Dwight Sabin, Jr.	<i>New York, N. Y.</i>	St. Anthony Hall
Fred Dunning Salmon	<i>Port Jervis, N. Y.</i>	Δ. K. E. House

Philip Huntington Seaman	<i>Yonkers, N. Y.</i>	Θ. Δ. X. House
Walter Eppley Seibert	<i>Baltimore, Md.</i>	Φ. Z. K. House
Paul Clements Shattuck	<i>Natick</i>	Φ. Γ. Δ. House
Phillips Bassett Shaw	<i>Elmira, N. Y.</i>	Φ. Δ. Θ. House
Douglas Auld Shepardson	<i>Reading</i>	Φ. Z. K. House
Eben Selden Spencer	<i>Duluth, Minn.</i>	K. A. Lodge
Harry Arthur Statler	<i>Johnstown, Pa.</i>	B. Θ. II. House
John Stebbins	<i>Norwich, N. Y.</i>	Φ. Z. K. House
Allyn Fillmore Stetson	<i>Plattsburgh, N. Y.</i>	2 B. H.
Raymond DuBois Stickney	<i>Albany, N. Y.</i>	X. Ψ. Lodge
Emerson Law Stone	<i>Waterford, N. Y.</i>	Z. Φ. Place
Arthur Temple	<i>Texarkana, Tex.</i>	22 J. H.
Howell Kellogg Thayer	<i>Northampton</i>	9 B. H.
Wallace Bradley Thompson	<i>Orange, N. J.</i>	8 E. C.
Frederick Tomkins	<i>New York, N. Y.</i>	Z. Ψ. House
Mason Turner	<i>Torrington, Conn.</i>	Δ. K. E. House
Walker Frame Vance	<i>Cincinnati, O.</i>	B. Θ. II. House
Douglas Patten Wells	<i>Chicago, Ill.</i>	Δ. K. E. House
Robert Howard Whiton	<i>Brooklyn, N. Y.</i>	X. Ψ. Lodge
Gomer John Williams	<i>Kingston, Pa.</i>	14 and 16 E. C.
Robert Warren Williams	<i>Brooklyn, N. Y.</i>	Ψ. T. House
Kenneth Barrow Wood	<i>Brooklyn, N. Y.</i>	B. Θ. II. House
Meredith Wood	<i>Brooklyn, N. Y.</i>	B. Θ. II. House
Harry Alfred Zimmerman, Jr.	<i>Youngstown, O.</i>	12 B. H.

Total.....103

JUNIORS—CLASS OF 1917

James Strange Alexander, Jr.	Montclair, N. J.	X. ♀. Lodge
Lawrence Sheppard Armstrong	Penn Yan, N. Y.	12 B. H.
Charles Burgess Arthur, Jr.	Cleveland, O.	Z. ♀. Place
Winthrop Provost Austin	Santa Barbara, Cal.	♀. T. House
Samuel Newton Bacon	Albany, N. Y.	♂. Z. K. House
Leonard Hotchkiss Bailey	Buffalo, N. Y.	Δ. T. House
Charles Ackert Banks	Evanston, Ill.	Z. ♀. House
Henry Clarke Banks	Greenwich, Conn.	♂. Δ. Θ. House
Donald DeVeau Bartholomew	Orange, N. J.	18 E. C.
Lester Yates Baylis	Huntington, N. Y.	♀. T. House
Walter Andrew Bell	New York, N. Y.	Θ. Δ. X. House
Thomas Hume Benedict	Roselle, N. J.	10 W. C.
Hubert Duke Bennett	Toledo, O.	X. ♀. Lodge
Henry Parsons Blodgett	Toledo, O.	K. A. Lodge
Robert Fuller Blodgett	West Newton	Z. ♀. Place
Tully Orton Buckner	New York, N. Y.	18 W. H.
Marion Staples Cadwell	Jamestown, N. Y.	Δ. T. House
Van Henry Cartmell, Jr.	New York, N. Y.	St. Anthony Hall
Kenneth Silliman Chester	Bridgehampton, N. Y.	B. Θ. II. House
Charles Akers Choate	Winona, Minn.	♀. T. House
William Bernard Clark	Litchfield, Conn.	Z. ♀. Place
Reginald McCall Cobbs	Akron, O.	♀. T. House
Andrew Hale Cochran	Minneapolis, Minn.	♂. Γ. Δ. House
George Jarvis Coffin	New York, N. Y.	Θ. Δ. X. House
Harold Sy Conklin	New Rochelle, N. Y.	Z. ♀. House
Reginald Aldrich Cook	New York, N. Y.	Δ. Δ. ♀. House
Carlton Wheeler Cox	Montclair, N. J.	X. ♀. Lodge
Robert Dudley Coye	Canandaigua, N. Y.	Z. ♀. House
Randolph Foster Debevoise	South Orange, N. J.	Δ. K. E. House
Leonard Chandler Dewing	Hartford, Conn.	Z. ♀. Place
Thomas Ripley Dorr	Williamstown	Fort Hoosac Place
Alden Monteith Drury	Northampton	♂. Δ. Θ. House
Thomas Earle, Jr.	Steelton, Pa.	12 M. H.
Samuel Eells	Cleveland, O.	7 W. C.
Richard Whipple Ensign	Westfield	♂. Δ. Θ. House
Kingsley Ervin	Williamstown	22 B. H.
Elisur Kirke Hart Fessenden	West Newton	Z. ♀. House

Esty Foster	Plainfield, N. J.	Φ. Γ. Δ. House
Prentiss French	Williamstown	Φ. Δ. Θ. House
Stanton Garfield	Williamstown	Α. Δ. Φ. House
Luther Carrington Goodrich	Peking, China	Φ. Δ. Θ. House
Ernest Charles Frederick Greeff	New York, N. Y.	Φ. Ζ. Κ. House
Woodman Clark Hamilton	Oak Park, Ill.	Φ. Γ. Δ. House
Bryan Hamlin	New York, N. Y.	Ζ. Φ. Place
Charles James Hardy, Jr.	New York, N. Y.	Φ. Δ. Θ. House
Henry Satterlee Herendeen	Elmira, N. Y.	K. A. Lodge
Joseph Robert Hewitt	New York, N. Y.	10 B. H.
Frank Hubbard Hutchinson	Columbus, O.	23 E. C.
David Elwood Jeffery	Lockport, N. Y.	Θ. Δ. Χ. House
Edward Russell Jobson	LaGrange, Ill.	Α. Δ. Φ. House
Horace Steele Keifer	Springfield, O.	10 and 11 B. H.
Lincoln Lewis Kellogg	Oneonta, N. Y.	Φ. Ζ. Κ. House
William Henry Kelton	Manchester Center, Vt.	16 F. H.
Norman Fullerton Kennedy	Cleveland, O.	Ψ. Τ. House
Carl Edward Kieser	Brooklyn, N. Y.	Δ. Κ. Ε. House
Albert Aurelius LaPlante	Williamstown	14 John St.
John Howland Leeming	Buffalo, N. Y.	31 W. H.
Arthur Vaughan Lewis	Irvington-on-Hudson, N. Y.	31 W. H.
Rayford Whittingham Logan	Washington, D. C.	87 Meacham St.
James Louis Lohrke	East Orange, N. J.	K. A. Lodge
Gilbert James Cathcart McCurdy	Rochester, N. Y.	Ζ. Ψ. House
Charles Lockhart McKelvy	Pittsburgh, Pa.	Α. Δ. Φ. House
Roger Barrett McMullen, Jr.	Evanston, Ill.	36 W. H.
Donald Schuyler Mann	Buffalo, N. Y.	St. Anthony Hall
Charles Jerome Massinger	Butler, N. J.	Δ. Τ. House
William Bogardus Merselis, Jr.	Passaic, N. J.	Θ. Δ. Χ. House
Sidney Clarke Moody	Evanston, Ill.	Ζ. Ψ. House
Myron Alan Moore	Gardner	Φ. Γ. Δ. House
Duncan Bassett Murphy	Pittsfield	Β. Θ. ΙΙ. House
Douglas Drew Myers	Bayonne, N. J.	St. Anthony Hall
Caryl Hammond Newell	Buffalo, N. Y.	Δ. Τ. House
Nathaniel Shaw Norton	Buffalo, N. Y.	Ψ. Τ. House
Wendell Sereno Nutting	Brooklyn, N. Y.	Φ. Ζ. Κ. House
Lewis Robert Owen	Port Henry, N. Y.	10 B. H.
Ulrich Roland Palmedo	Montclair, N. J.	X. Ψ. Lodge
Lester Adam Paterson	Buffalo, N. Y.	Δ. Τ. House
Victor Elting Pattou	Yonkers, N. Y.	K. A. Lodge
Stanley Phillips	Upper Montclair, N. J.	Δ. Κ. Ε. House
Gardner Scudder Platt	Montclair, N. J.	44 W. H.

John King Rector	Washington, D. C.	87 Meacham St.
Harold Elliott Rich	Bethel, Me.	12 M. H.
George Lynde Richardson, Jr.	Philadelphia, Pa.	Φ. Δ. Θ. House
Robert Ramsey Richardson	Glendale, O.	St. Anthony Hall
Roger William Riis	Barre	St. Anthony Hall
James Linn Rodgers, Jr.	Columbus, O.	X. Ψ. Lodge
Truman Henry Safford	Lowell	Z. Ψ. House
Philip Sidney Sayles	Adams	Φ. Γ. Δ. House
Bennet Fellows Schaffler	New York, N. Y.	Ψ. T. House
Theodore Carpenter Slosson	Mount Kisco, N. Y.	Δ. T. House
Harwood Edmund Smeeth	Oak Park, Ill.	B. Θ. II. House
Ashley Bruce Smith	Oak Park, Ill.	Z. Ψ. House
Irving Smith, Jr.	New York, N. Y.	A. Δ. Φ. House
Harold Clark Thompson	Orange, N. J.	8 E. C.
John Valentine	Chicago, Ill.	18 E. C.
Harold Livingston Van Doren	East Orange, N. J.	X. Ψ. Lodge
Carl William Vieter	New York, N. Y.	A. Δ. Φ. House
Alan Graham Warner	Brooklyn, N. Y.	Δ. K. E. House
Francis Darling Weeks	Dorchester	B. Θ. II. House
Norman Underhill White	Ridgewood, N. J.	Φ. Γ. Δ. House
Charles Lawrence Whittemore	Ardmore, Pa.	St. Anthony Hall
Allyn Richmond Wight	Montclair, N. J.	Δ. K. E. House
Henry Douglas Wild	Williamstown	Δ. T. House
Frank Crafts Williams	Brooklyn, N. Y.	Ψ. T. House
George Barnes Wilson	Williamstown	27 Hoxsey St.
Norman Hall Wilson	Glen Ridge, N. J.	B. Θ. II. House
Philip Ira Worcester	Detroit, Mich.	K. A. Lodge
Harold Bemis Wright	Bellerue, O.	Δ. T. House
John Aubrey Wright, Jr.	Youngstown, O.	Δ. T. House
Kendall Wyman	Fitchburg	Δ. K. E. House
George Stanley Young	Cleveland, O.	Z. Φ. Place
Charles Zabriskie	Paterson, N. J.	B. Θ. II. House

Total 111

SOPHOMORES—CLASS OF 1918

Charles Coleman Allen, 2d	Troy, O.	13 F. H.
Myron Hilton Atkinson	Bismarck, N. D.	15 W. H.
John Edwin Bakeless	Bloomsburg, Pa.	7 E. C.
Thomas Walsh Bartram	Lakeville, Conn.	10 E. C.
DeHart Bergen, Jr.	Brooklyn, N. Y.	46 W. H.
Edwin Kellogg Bertine	Mt. Vernon, N. Y.	13 and 14 B. H.
Edward Pendleton Black	New York, N. Y.	25 W. H.
Harold Mercer Blanchard	East Orange, N. J.	8 W. C.
Charles William Bonner, Jr.	Brooklyn, N. Y.	38 M. H.
Theodore Nevin Booth	Sewickley, Pa.	21 M. H.
George Byron Bowen	Lowville, N. Y.	35 W. H.
John Summerfield Brayton, Jr.	Fall River	27 W. H.
William Conant Brewer, Jr.	Newton Center	28 W. H.
Frederick Dare Chapman	Brooklyn, N. Y.	7 M. H.
Frederick Lewis Chapman	Russell, Pa.	3 B. H.
John Burleigh Clapp	Dedham	23 E. C.
Jesse Dunsmore Clarkson	Brooklyn, N. Y.	24 E. C.
George Barnard Clifford, Jr.	Minneapolis, Minn.	49 W. H.
Leighton Hammond Coleman	Englewood, N. J.	43 W. H.
Ralph Marvin Colton	Buffalo, N. Y.	21 W. H.
Wallace Edmonds Conkling	Beacon, N. Y.	12 E. C.
Roger Brooke Coulter	Sandy Spring, Md.	29 B. H.
Edward Peck Curtis	Rochester, N. Y.	3 W. C.
Monteath Thornton Dayton	Brooklyn, N. Y.	7 M. H.
Wilbur Chapman DuBois	Springfield	16 M. H.
George Perkins Dunn	Jersey City, N. J.	26 W. H.
Henry Williams Dwight	Cambridge	6 B. H.
James Alexander Edgar	New York, N. Y.	29 W. H.
Monroe Benjamin England	Pittsfield	25 B. H.
Lockwood Whiting Ferris	Salt Lake City, Utah	A, F. H.
Cedric Culbertson French	New York, N. Y.	25 W. H.
John Robbins Gaut	Charlottesville, Pa.	16 M. H.
George Harvey Gensmer	Newark, N. J.	2 F. H.
Robert Gilchrist	Auburn, N. Y.	3 M. H.
Elias Wilbur Gilman	New Hartford, Conn.	13 F. H.
John Brookes Glenn	Montclair, N. J.	8 W. C.
Henry Moore Halsted, Jr.	Brooklyn, N. Y.	49 W. H.

Bradley Bancroft Hammond	Norwalk, Conn.	15 F. H.
Miles Morgan Haggood	Hartford, Conn.	11 E. C.
George Halle Hays	Cleveland, O.	10 F. H.
Albert Henry Hedden	Newark, N. J.	A, F. H.
Verne Verbeck Heimstreet	Schaghticoke, N. Y.	12 E. C.
Harold Edgar Hemstreet	East Orange, N. J.	24 M. H.
Leiper Janeway Hodge	Germantown, Pa.	21 W. H.
Leonard Bogue Hotchkiss	Buffalo, N. Y.	T. C. L.
Seabury Burke Hough	Northampton	10 E. C.
Robert Berry Jewell	Lexington, Ky.	24 W. H.
Asa Thomas Jones, Jr.	Colorado Springs, Colo.	11 W. C.
Harold Rittenhouse Keen	Greenwich, Conn.	3 M. H.
William White Keifer, Jr.	Springfield, O.	5 F. H.
Oliver James Keller	Lancaster, Pa.	8 W. H.
Samuel Knox Kreutzer	Wausau, Wis.	4 and 5 C. H.
Charles Peyton Gordon Landon	Rutland, Vt.	18 W. H.
Joseph Leeming	Buffalo, N. Y.	31 W. H.
Ralph Westcott Lester	Saratoga Springs, N. Y.	38 M. H.
Eugene William Lohrke	East Orange, N. J.	43 W. H.
Robert David Long	Bennington, Vt.	15 E. C.
Philip Owen Longyear	Minneapolis, Minn.	20 E. C.
Albert Best McConnell	New York, N. Y.	24 W. H.
Frank Sears McGraw, Jr.	Buffalo, N. Y.	3 W. C.
William Wallace McMillan	Carthage, Mo.	17 W. H.
Leonard Cheney Maier	New Britain, Conn.	1 E. C.
John Putnam Marble	Worcester	28 B. H.
Charles Henderson Mats	Hubbard Woods, Ill.	5 B. H.
Roswell Park Collin May	New York, N. Y.	32 W. H.
Thomas Edward Maytham	Buffalo, N. Y.	25 M. H.
Amherst Wight Meeker	Brooklyn, N. Y.	33 M. H.
Fraser Muir Moffat, Jr.	Short Hills, N. J.	23 M. H.
John Winthrop Mott	North Adams	24 E. C.
Richard James O'Brien	Williamstown	35 Cole Ave.
John Henry Orr, Jr.	Worcester	6 B. H.
Foster Parmelee	Buffalo, N. Y.	22 M. H.
Edward Tyler Perry	Hartford, Conn.	11 E. C.
Alfred William Peterson	Sewickley, Pa.	24 M. H.
Raymond Willis Phelps	Yonkers, N. Y.	44 W. H.
George Francis Pieper, Jr.	Boston	15 E. C.
Harry Lynn Pierson, Jr.	Detroit, Mich.	22 M. H.
Albert Urbahn Pinkney	Brooklyn, N. Y.	33 M. H.
Frederick Dobson Pollard	North Adams	16 B. H.

Edwin Powers	<i>Glen Ridge, N. J.</i>	27 W. H.
Alfred Stuart Pratt, Jr.	<i>West Newton</i>	47 W. H.
Edward Griswold Redfield	<i>Hartford, Conn.</i>	5 B. H.
George Stoddard Reynolds	<i>Glen Ridge, N. J.</i>	13 W. H.
Hadwin Houghton Richardson	<i>Newtonville</i>	28 W. H.
Thomas Fortescue Rochester	<i>Buffalo, N. Y.</i>	ψ. T. House
James Leland Rose	<i>Johnsonville, N. Y.</i>	21 B. H.
Randall Austin Ross	<i>Cleveland, O.</i>	20 E. C.
Clarence Bott Schaefer	<i>Buffalo, N. Y.</i>	Θ. Δ. X. House
Goodrich Capen Schauffler	<i>New York, N. Y.</i>	7 F. H.
Hilbert van Nydeck Schenck	<i>Weston</i>	3 B. H.
Charles Rufus Scott	<i>Greenfield</i>	4 W. H.
John Denton Shuart	<i>Springfield</i>	4 W. H.
Frederic Haviland Sibley	<i>Bennington, Vt.</i>	1 E. C.
Cyrus Porter Smith	<i>Brooklyn, N. Y.</i>	9 W. C.
Rowland Richards Strong	<i>Ansonia, Conn.</i>	2 F. H.
Donald Newman Swain	<i>West Roxbury</i>	Φ. Z. K. House
Francis Whittlesey Swain	<i>West Roxbury</i>	13 B. H.
Cleveland Thurber	<i>Detroit, Mich.</i>	30 W. H.
Sewell Tappan Tyng	<i>Englewood, N. J.</i>	25 M. H.
David Van Alstyne, Jr.	<i>New York, N. Y.</i>	26 W. H.
Ralph Van Vranken	<i>Passaic, N. J.</i>	11 M. H.
Herbert Anson Welch	<i>Wayne, Neb.</i>	Δ. K. E. House
Clarence Thorn White	<i>Buffalo, N. Y.</i>	7 E. C.
Edward Webster Wilson, Jr.	<i>New York, N. Y.</i>	6 W. C.
John McClellan Withrow	<i>East Orange, N. J.</i>	15 M. H.
Samuel Wadsworth Wolcott	<i>Denver, Col.</i>	32 W. H.
Lambert Alexander Wood	<i>Portland, Ore.</i>	48 W. H.
Carroll Wright, Jr.	<i>Des Moines, Ia.</i>	17 W. H.
Robert Gordon Young	<i>Minneapolis, Minn.</i>	Φ. Δ. Θ. House

Total..... 109

FRESHMEN—CLASS OF 1919

Charles Ross Albert	<i>Pittsfield</i>	4 E. C.
Herbert Sanford Allan	<i>Brooklyn, N. Y.</i>	1 W. H.
Henry Burr Anthony, Jr.	<i>Farmington, Conn.</i>	6 F. H.
Schuyler Ashley	<i>Kansas City, Mo.</i>	35 M. H.
Nesbitt Hoyt Bangs	<i>New York, N. Y.</i>	37 W. H.
Philip Jameson Barnes	<i>Minneapolis, Minn.</i>	2 M. H.
Donald Kimberley Baxter	<i>Grand Rapids, Mich.</i>	4 B. H.
Paul Maynard Beach	<i>Orange, N. J.</i>	3 E. C.
Robert Manners Becket	<i>East Orange, N. J.</i>	14 F. H.
Kenneth Adams Bernard	<i>New York, N. Y.</i>	6 W. H.
Carl Hathaway Biggs	<i>Ithaca, N. Y.</i>	11 W. C.
Clarence Sawtell Bishop	<i>Chicago, Ill.</i>	17 C. H.
Richard Ashley Blodgett	<i>West Newton</i>	12 C. H.
Derick Lane Boardman	<i>Troy, N. Y.</i>	13 W. H.
William Curtis Bok	<i>Merion Station, Pa.</i>	20 F. H.
William Spencer Boyd	<i>Indianapolis, Ind.</i>	2 W. H.
Willard Newhall Boyden	<i>Evanston, Ill.</i>	22 E. C.
Ben Miller Brown	<i>Des Moines, Ia.</i>	17 W. H.
Edward Cleveland Brown	<i>St. Paul, Minn.</i>	3 C. H.
Horace Hallock Brown	<i>Bernardsville, N. J.</i>	19 E. C.
McClay Hazelton Brown	<i>Rochester, N. Y.</i>	21 M. H.
Willis Lafferty Buck	<i>Stafford Springs, Conn.</i>	3 F. H.
Joseph Mortimer Callahan	<i>Norwood</i>	12 F. H.
Parker Thomas Campbell	<i>Toledo, O.</i>	22 W. H.
Coolidge Otis Chapman	<i>Woodmere, N. Y.</i>	12 W. H.
Richard Ward Chapman	<i>Bridgeport, Conn.</i>	13 and 14 B. H.
Mitchell Vaughn Charnley	<i>Goshen, Ind.</i>	11 C. H.
Frederick Hale Clark	<i>Holyoke</i>	6 M. H.
Wendell Morris Coates	<i>Marblehead</i>	1 F. H.
Oliver Ellsworth Cobb	<i>New York, N. Y.</i>	30 W. H.
Arthur Paul Coe	<i>New York, N. Y.</i>	20 M. H.
Rutgers Remsen Coles	<i>Mamaroneck, N. Y.</i>	4 W. C.
Homer Collins	<i>Duluth, Minn.</i>	12 W. C.
Alfred Buckhout Cornell	<i>New York, N. Y.</i>	15 W. H.
Harold Gay Crawford	<i>East Orange, N. J.</i>	13 M. H.
Malcolm Davis	<i>Washington, D. C.</i>	20 M. H.
George Henry Dayton	<i>Brooklyn, N. Y.</i>	9 M. H.

Albert Carl Delmont	New York, N. Y.	9 C. H.
William Farnham Dewey	Great Barrington	32 M. H.
John Mingus Dodd	New York, N. Y.	18 F. H.
Dudley Bruce Donald	Rosbank, N. Y.	12 F. H.
Raymond Edward Draper	Sidney, Ia.	10 M. H.
Jesse Albert Drew	Portland, Me.	8 M. H.
Maurice Stuart Duffield	Williamstown	7 E. C.
Robert Rowe Dunn, Jr.	St. Paul, Minn.	21 F. H.
Kenneth Alexander Earl	New York, N. Y.	34 W. H.
Charles Huke Stuart Eaton	Yonkers, N. Y.	24 W. H.
Chauncey Eaton	South Sudbury	24 B. H.
Earle Philips Elmore	Oneonta, N. Y.	2 W. C.
Everett Lafayette Farr	Detroit, Mich.	23 F. H.
William Van Buskirk Field	Shelburne Falls	2 E. C.
Howard Merrill Fillebrown	Binghamton, N. Y.	2 C. H.
Albert Trostel Finkler	Milwaukee, Wis.	16 W. C.
Ewing Benedict Fisher	Springfield, Ill.	31 M. H.
Robert Chickering Fitch	Newton Center	22 F. H.
Dudley Darling Fowler	Orange, N. J.	15 M. H.
Oliver Hart Palmer Garrett	Framingham Center	42 W. H.
Malcolm Gifford, Jr.	Hudson, N. Y.	33 W. H.
Douglas Jardine Gilchrist	Auburn, N. Y.	11 W. H.
Robert Marty Gillham	Kansas City, Mo.	35 M. H.
Richard McCandless Gipeon	Far Rockaway, N. Y.	19 W. H.
Godfrey Lester Goodkind	Chicago, Ill.	31 M. H.
Howard Goodman	Chicago, Ill.	15 C. H.
Donald Wells Goodrich	Brooklyn, N. Y.	17 M. H.
Charles Alfred Greeff	New York, N. Y.	20 F. H.
Otto Henry Hafner	New York, N. Y.	15 W. C.
Herbert Titus Hand, Jr.	Riverside, Conn.	23 M. H.
Van Note Hatch	Port Henry, N. Y.	28 M. H.
Andrew Hallenbeck Heermance	Poughkeepsie, N. Y.	11 W. H.
William Gordon Hegardt	Duluth, Minn.	12 W. C.
Harry Marks Hidden	Cincinnati, O.	46 W. H.
Walter Livingston Hinman	Buffalo, N. Y.	14 F. H.
Irving George Hopkins	New York, N. Y.	22 F. H.
Isaiah Bardsley Hopwood	Newark, N. J.	16 W. H.
Frederick Arthur Howland	Hudson Falls, N. Y.	5 M. H.
William Lathrop Hoyt	Garden City, N. Y.	1 W. C.
Edwin G. Hughes, Jr.	Scranton, Pa.	2 E. C.
James Patton Humphreys	West Orange, N. J.	32 M. H.
Theodore Hayward Irwin	Buffalo, N. Y.	29 W. H.

WILLIAMS COLLEGE

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Lewis Alexander James	<i>Saratoga Springs, N. Y.</i>	9 M. H.
William Harold Jeffrey	<i>New York, N. Y.</i>	15 W. C.
Harvey Chase Jewett, Jr.	<i>Aberdeen, S. Dak.</i>	13 W. C.
Frederick Henry Jones	<i>Youngstown, O.</i>	14 W. H.
Alden Keith	<i>Minneapolis, Minn.</i>	17 M. H.
William Scott Keith, 2d	<i>Greenfield</i>	5 W. H.
Lawson Chase Kepner	<i>Newtonville</i>	6 F. H.
Thomas Glentworth Kimball	<i>Summit, N. J.</i>	9 E. C.
Frederick John Kingsbury, Jr.	<i>New Haven, Conn.</i>	40 W. H.
George Archibald Kingsley	<i>Portland, Ore.</i>	48 W. H.
Willard George Kluge	<i>New York, N. Y.</i>	16 W. C.
Kenneth Houston Kraft	<i>Evanston, Ill.</i>	34 W. H.
Leonard Woods Labaree	<i>New Britain, Conn.</i>	14 M. H.
Lawrence Henry Lang	<i>Cleveland, O.</i>	11 F. H.
James Haswell Lansing	<i>Watervliet, N. Y.</i>	15 B. H.
Everett Bentley Lemmon	<i>East Orange, N. J.</i>	14 C. H.
Howard Franklyn Lewis	<i>Stamford, Conn.</i>	87 Meacham St.
Robert Brown Lindsay	<i>Milwaukee, Wis.</i>	5 W. C.
Fairchild Levant Benedict Mac	<i>Carthy Waltham</i>	17 B. H.
Richard Bulkeley Macauley	<i>Detroit, Mich.</i>	2 W. C.
John Stewart McDonald, II	<i>Minneapolis, Minn.</i>	2 M. H.
James Cooke McLean	<i>Lansdowne, Pa.</i>	1 B. H.
Robert Louis McLean, Jr.	<i>Lansdowne, Pa.</i>	1 B. H.
Hamill Davis Martyn	<i>Hackettstown, N. J.</i>	30 M. H.
John Gaston Merselis	<i>Passaic, N. J.</i>	19 E. C.
Kenneth Peters Miller	<i>Pittsburgh, Pa.</i>	4 M. H.
Paul Richardson Miller	<i>Montclair, N. J.</i>	13 W. H.
Albert Fink Milton	<i>Pocantico Hills, N. Y.</i>	45 W. H.
Lawrence Moore	<i>New York, N. Y.</i>	3 F. H.
Edward Karrick Morris	<i>South Lee</i>	10 C. H.
Franklin Ames Morse	<i>Evanston, Ill.</i>	4 B. H.
Lewis Chapen Murdock	<i>Brooklyn, N. Y.</i>	14 W. H.
George Piersol Murray, Jr.	<i>Bridgeville, Pa.</i>	15 W. H.
Sterling Morton Nordhouse	<i>New York, N. Y.</i>	45 W. H.
Charles Kenneth Parker	<i>Pittsfield</i>	1 F. H.
Edward Howland Parry	<i>Glens Falls, N. Y.</i>	5 M. H.
Edgar Young Pattison	<i>Indianapolis, Ind.</i>	8 C. H.
Andre Wright Pearson	<i>Greenwich, Conn.</i>	5 W. H.
Walker Penfield	<i>Pelham Manor, N. Y.</i>	11 C. H.
Lispenard Bache Phister	<i>Chicago, Ill.</i>	19 W. H.
Henry Russell Platt, Jr.	<i>Evanston, Ill.</i>	8 M. H.
Webster Clay Powell	<i>New York, N. Y.</i>	1 W. H.

Russell Graves Powers	<i>Minneapolis, Minn.</i>	3 W. H.
Spencer Ward Prentiss	<i>Buffalo, N. Y.</i>	7 W. H.
Joseph Parsons Prescott	<i>Holyoke</i>	2 C. H.
Roger Wright Putnam	<i>Buffalo, N. Y.</i>	23 W. H.
Charles Linsley Quaintance	<i>New York, N. Y.</i>	10 W. C.
Hugh Merriman Quigley	<i>Bellefonte, Pa.</i>	18 B. H.
John Joseph Radley, Jr.	<i>Stamford, Conn.</i>	13 M. H.
Rufus Randall Rand, Jr.	<i>Minneapolis, Minn.</i>	14 W. C.
Jean Baptiste Reboul	<i>Saint James, N. Y.</i>	1 W. C.
John Jordan Redfield	<i>Montclair, N. J.</i>	35 W. H.
Vernon Decker Reinhart	<i>St. Paul, Minn.</i>	19 F. H.
Edward Russell Rice, Jr.	<i>Buffalo, N. Y.</i>	1 M. H.
DeLancey Rochester, Jr.	<i>Buffalo, N. Y.</i>	23 W. H.
Philip Howd Rogers	<i>New Britain, Conn.</i>	7 F. H.
Jack Leopold Roth	<i>Cincinnati, O.</i>	9 C. H.
Justus Oscar Ruperti	<i>New York, N. Y.</i>	10 M. H.
Russell Owen Salmon	<i>Port Jervis, N. Y.</i>	36 M. H.
David Pascal Sawyer	<i>Cleveland, O.</i>	6 W. H.
Samuel Roswell Shepherd	<i>Lancaster, N. Y.</i>	47 W. H.
Frederick William Smith, Jr.	<i>New Rochelle, N. Y.</i>	6 E. C.
James Craig Smith	<i>Woodland, Me.</i>	21 W. H.
Norman Burlingame Smith	<i>Edgewood, R. I.</i>	19 F. H.
Robert Hooper Smith	<i>New Hartford, Conn.</i>	6 M. H.
Harvey Spencer	<i>Orange, N. J.</i>	3 E. C.
Louis Fenn Sperry, Jr.	<i>Auburn, N. Y.</i>	9 F. H.
Edwin Shepard Spink, Jr.	<i>Phoenicia, N. Y.</i>	9 E. C.
Daniel Hubbard Squire, Jr.	<i>Buffalo, N. Y.</i>	3 W. H.
Arthur Kendall Stearns, Jr.	<i>Lake Bluff, Ill.</i>	42 W. H.
Henry Martin Stebbins	<i>Norwich, N. Y.</i>	14 C. H.
Charles Wattles Stephenson	<i>Pittsburgh, Pa.</i>	2 W. H.
Francis Barretto Stewart	<i>Ossining, N. Y.</i>	1 C. H.
Allyn Coats Swinnerton	<i>Oneida, N. Y.</i>	6 E. C.
Arthur Eldridge Symons	<i>Saginaw, Mich.</i>	18 C. H.
Leslie Dodd Tasney	<i>Paterson, N. J.</i>	22 E. C.
John Grammer Thomas	<i>Buffalo, N. Y.</i>	9 W. C.
Gilbert George Thorne, Jr.	<i>New York, N. Y.</i>	21 F. H.
Ingersoll Day Townsend	<i>Oyster Bay, N. Y.</i>	40 W. H.
John Griffen Underhill, Jr.	<i>Owego, N. Y.</i>	49 W. H.
William Floyd Van Saun	<i>Hackensack, N. J.</i>	30 M. H.
John Jay Van Schaack	<i>Hartford, Conn.</i>	7 W. C.
Richmond Viall	<i>Providence, R. I.</i>	3 C. H.
Arthur Meeker Walker	<i>Chicago, Ill.</i>	37 W. H.

WILLIAMS COLLEGE

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William Barlow Ware	New York, N. Y.	28 M. H.
Ralph Waycott	Cleveland, O.	12 C. H.
Thomas Chandler Wayland	New York, N. Y.	36 M. H.
Harold Lew Webb	Lombard, Ill.	1 C. H.
Frederick Butterfield Webster	Brooklyn, N. Y.	18 F. H.
William Bush Whidden	West Newton	22 W. H.
George Avery White	Worcester	10 C. H.
Burke Emerson Whitney	Hartford, Conn.	13 W. C.
Arthur Goodwin Wild	Williamstown	9 F. H.
John Corbin Wiley	Hartford, Conn.	14 M. H.
Chester Seaton Williams	Highland Park, Ill.	15 C. H.
Wentworth Williams	Woodstock, Vt.	23 F. H.
William Niles Wishard, Jr.	Indianapolis, Ind.	8 C. H.
James Mandelbaum Wolf	Cleveland, O.	30 B. H.
William Henry Wolf	Milwaukee, Wis.	5 W. C.
Burton Knowlton Woodward, Jr.	Troy, N. Y.	29 M. H.
Henry Abbe Woodward	Troy, N. Y.	29 M. H.
Leonard Ford Wright	Bellevue, O.	18 C. H.
Albert Clinton Wunderlich	Lansdowne, Pa.	38 W. H.
Edward Guild Wyckoff, Jr.	Ithaca, N. Y.	38 W. H.
Donald Wyman	Fitchburg	6 W. H.
Total.....		185

SUMMARY BY CLASSES

SENIORS.....	103
JUNIORS.....	111
SOPHOMORES.....	109
FRESHMEN.....	185
GRADUATE STUDENTS: RESIDENT.....	6
TOTAL.....	514

SUMMARY BY STATES

NEW YORK.....	191
MASSACHUSETTS.....	71
NEW JERSEY.....	63
CONNECTICUT.....	33
OHIO.....	33
PENNSYLVANIA.....	25
ILLINOIS.....	23
MINNESOTA.....	17
MICHIGAN.....	8
VERMONT.....	7
INDIANA.....	5
MAINE.....	5
DISTRICT OF COLUMBIA.....	4
WISCONSIN.....	4
IOWA.....	3
MISSOURI.....	3
CALIFORNIA.....	2
COLORADO.....	2
KENTUCKY.....	2
MARYLAND.....	2
OREGON.....	2
RHODE ISLAND.....	2

WILLIAMS COLLEGE**149**

KANSAS	1
NEBRASKA	1
NORTH DAKOTA	1
SOUTH DAKOTA	1
TEXAS	1
UTAH	1

CHINA	1
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TOTAL	544
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ALPHABETICAL LIST OF NAMES

- ADRIANCE, JOHN SABIN, *Lecturer***
AGARD, HARRY LESLIE, *Asst. Prof.*
Albert, Charles Ross, *Fr.*
Alexander, James Strange, Jr., *Jr.*
Allan, Herbert Sanford, *Fr.*
Allen, Charles Coleman, 2d, *Soph.*
ALLEN, SAMUEL EDWARD, *Asst. Prof.*
Andrews, Arthur Allen, *Sr.*
Angevene, Ferris Marion, *Sr.*
Anthony, Henry Burr, Jr., *Fr.*
Armstrong, Lawrence Sheppard, *Jr.*
Arthur, Charles Burgess, Jr., *Jr.*
Ashley, Schuyler, *Fr.*
Atkinson, Myron Hilton, *Soph.*
Austin, Winthrop Provost, *Jr.*
- Bacon, Samuel Newton, *Jr.***
Bailey, Leonard Hotchkiss, *Jr.*
Bakeless, John Edwin, *Soph.*
Baldwin, Elbert, *Sr.*
Bancker, Elbert Hyatt, *Sr.*
Bangs, Nesbitt Hoyt, *Fr.*
Banks, Charles Ackert, *Jr.*
Banks, Henry Clarke, *Jr.*
Barnes, Philip Jameson, *Fr.*
Bartholomew, Donald DeVeau, *Jr.*
Bartram, Thomas Walsh, *Soph.*
Baxter, Donald Kimberley, *Fr.*
Baylis, Lester Yates, *Jr.*
Beach, Paul Maynard, *Fr.*
Beard, Stuart-Menteth, *Sr.*
Becket, Robert Manners, *Fr.*
BETTLE, CLARA, *Library Asst.*
BELL, LUCY STATEN, *Library Asst.*
Bell, Walter Andrew, *Jr.*
Benedict, Thomas Hume, *Jr.*
Benjamin, Alfred, *Sr.*
- Bennett, Hubert Duke, *Jr.***
Bergen, DeHart, Jr., *Soph.*
Bernard, Kenneth Adams, *Fr.*
Bertine, Edwin Kellogg, *Soph.*
Biggs, Carl Hathaway, *Fr.*
Bishop, Clarence Sawtell, *Fr.*
Black, Edward Pendleton, *Soph.*
Blanchard, Harold Mercer, *Soph.*
Blodgett, Henry Parsons, *Jr.*
Blodgett, Richard Ashley, *Fr.*
Blodgett, Robert Fuller, *Jr.*
Boardman, Derick Lane, *Fr.*
Bok, William Curtis, *Fr.*
Bonner, Charles William, Jr., *Soph.*
Booth, Theodore Nevin, *Soph.*
BOTSFORD, ELI HERBERT, *Inst.*
Bowen, George Byron, *Soph.*
Boyd, William Spencer, *Fr.*
Boyden, Willard Newhall, *Fr.*
Brayton, John Summerfield, Jr., *Soph.*
- Brasier, Frank Merrill, *Sr.***
Brewer, Charles Frederick Arnold, *Sr.*
Brewer, Talbot Magruder, *Sr.*
Brewer, William Conant, Jr., *Soph.*
Brown, Ben Miller, *Fr.*
BROWN, CORNELIUS MERRILL, *Asst. and Grad.*
Brown, Edward Cleveland, *Fr.*
Brown, Horace Hallock, *Fr.*
BROWN, JOHN EARLE, *Asst.*
Brown, McClay Haselton, *Fr.*
Brown, Norman, *Sr.*
Brumbaugh, Donald Diehl, *Sr.*
Buck, Willis Lafferty, *Fr.*
Buckner, Tully Orton, *Jr.*
BUFFINTON, ARTHUR HOWLAND, *Inst.*

Earl, Kenneth Alexander, *Fr.*
 Earle, Thomas, Jr., *Jr.*
 Eaton, Charles Huke Stuart, *Fr.*
 Eaton, Chauncey, *Fr.*
 Edgar, James Alexander, *Soph.*
 Eells, Samuel, *Jr.*
 Elmore, Earle Philips, *Fr.*
 Emerson, Hobart Bigelow, *Sr.*
 England, Monroe Benjamin, *Soph.*
 Ensign, Richard Whipple, *Jr.*
 Ervin, Kingsley, *Jr.*

Farr, Everett Lafayette, *Fr.*
 Faunce, George, Jr., *Sr.*
 Fayen, George Siemers, *Sr.*
 Ferris, Lockwood Whiting, *Soph.*
 FERRY, FREDERICK CARLOS,

Dean and Prof.

Fessenden, Elizur Kirke Hart, *Jr.*
 Field, William Van Buskirk, *Fr.*
 Fillebrown, Howard Merrill, *Fr.*
 Finkler, Albert Trostel, *Fr.*
 Finlay, George Dick, Jr., *Sr.*
 Fisher, Ewing Benedict, *Fr.*
 Fitch, Robert Chickering, *Fr.*
 Flynt, Henry Needham, *Sr.*
 Foster, Esty, *Jr.*
 Fowler, Dudley Darling, *Fr.*
 Fowler, Herbert Carey, *Sr.*
 Fox, James Charles, Jr., *Sr.*
 French, Cedric Culbertson, *Soph.*
 French, Prentiss, *Jr.*
 Funk, William Harris, *Sr.*

GALBRAITH, JOHN SAYWARD,

Asst. Prof.

GARFIELD, HARRY AUGUSTUS,

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Garfield, James Abram, *Sr.*
 Garfield, Stanton, *Jr.*
 Garrett, Oliver Hart Palmer, *Fr.*
 Gaut, John Robbins, *Soph.*

Geddes, Donald Frederick, *Sr.*
 Geer, Russel Mortimer, *Sr.*
 Geier, Frederick Virginus, *Sr.*
 Gensmer, George Harvey, *Soph.*
 Gifford, Malcolm, Jr., *Fr.*
 Gilchrist, Douglas Jardine, *Fr.*
 Gilchrist, Robert, *Soph.*
 Gillham, Robert Marty, *Fr.*
 Gilman, Elias Wilbur, *Soph.*
 Gipson, Richard McCandless, *Fr.*
 Glenn, John Brookes, *Soph.*
 Goodkind, Godfrey Lester, *Fr.*
 Goodman, Howard, *Fr.*
 Goodrich, Donald Wells, *Fr.*
 GOODRICH, FRANK, *Prof.*
 Goodrich, Luther Carrington, *Jr.*
 Greeff, Charles Alfred, *Fr.*
 Greeff, Ernest Charles Frederick, *Jr.*
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 Grindy, Albert Leonard, *Sr.*
 GROSVENOR, WILLIAM MERCER,
Trustee

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 Haggerty, Claude Milton, *Sr.*
 Haight, Everest Denslow, *Sr.*
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 Hamlin, Bryan, *Jr.*
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 Hays, George Halle, *Soph.*

Hedden, Albert Henry, *Soph.*
 Heermance, Andrew Hallenbeck, *Fr.*
 Hegardt, William Gordon, *Fr.*
 Heimstreet, Verne Verbeck, *Soph.*
 Hemstreet, Harold Edgar, *Soph.*
 Herendeen, Henry Satterlee, *Jr.*
 HEWITT, JOHN HASKELL, *Prof. Emer.*
 Hewitt, Joseph Robert, *Jr.*
 HEWITT, THEODORE BROWN, *Inst.*
 Hidden, Harry Marks, *Fr.*
 HILDRETH, WALTER ALMERIAN, *Inst.*
 Hinman, Walter Livingston, *Fr.*
 Hodge, Leiper Janeway, *Soph.*
 HOLT, CHARLES SUMNER, *Trustee.*
 Hopkins, Irving George, *Fr.*
 Hopwood, Isaiah Bardaley, *Fr.*
 Hotchkiss, Leonard Bogue, *Soph.*
 Hough, Seabury Burke, *Soph.*
 HOWARD, FREDERIC HOLLIS, *Prof.*
 HOWES, GEORGE EDWIN, *Prof.*
 Howland, Frederick Arthur, *Fr.*
 HOTT, WILLARD EVANS, *Treas.*
 Hoyt, William Lathrop, *Fr.*
 Hubbell, Sherwood, *Sr.*
 Hughes, Edwin G., *Jr., Fr.*
 Humphreys, James Patton, *Fr.*
 Hurd, James Foley, *Sr.*
 Hutchinson, Frank Hubbard, *Jr.*
 Hyde, George Alvin, *Sr.*

Irwin, Theodore Hayward, *Fr.*

Jacob, Leonard, 2d, *Sr.*
 James, Lewis Alexander, *Fr.*
 Jeffery, David Elwood, *Jr.*
 Jeffrey, William Harold, *Fr.*
 JENNINGS, FREDERICK BEACHE,
Trustee
 Jewell, Robert Berry, *Soph.*
 Jewett, Harvey Chase, *Jr., Fr.*
 Johnson, Edward Russell, *Jr.*

JOHNSON, CARL WILHELM,
Asst. Prof.
 Jones, Asa Thomas, *Jr., Soph.*
 Jones, Frederick Henry, *Fr.*
 Jones, Henry Eugene, *Jr., Sr.*
 Jones, Jay Sylvester, *Jr., Sr.*
 Jordan, George Cyril, *Sr.*
 Keen, Harold Rittenhouse, *Soph.*
 Keifer, Horace Steele, *Jr.*
 Keifer, William White, *Jr., Soph.*
 Keith, Alden, *Fr.*
 Keith, William Scott, 2d, *Fr.*
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 KELLOGG, JAMES LAWRENCE, *Prof.*
 Kellogg, Lincoln Lewis, *Jr.*
 Kelton, William Henry, *Jr.*
 Kennedy, Norman Fullerton, *Jr.*
 Kennedy, William Dorsey, *Sr.*
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 Kepner, Lawson Chase, *Fr.*
 Kieser, Carl Edward, *Jr.*
 Kimball, Thomas Glentworth, *Fr.*
 King, Henry William, *Sr.*
 Kingsbury, Frederick John, *Jr. Fr.*
 Kingsley, George Archibald, *Fr.*
 Kluge, Willard George, *Fr.*
 Kraft, Kenneth Houston, *Fr.*
 Kreutzer, Samuel Knox, *Soph.*

Labaree, Leonard Woods, *Fr.*
 Landon, Charles Peyton Gordon, *Soph.*
 Lang, Lawrence Henry, *Fr.*
 Lansing, James Haswell, *Fr.*
 La Plante, Albert Aurelius, *Jr.*
 Leake, Richard Bryan, *Jr., Sr.*
 Leeming, John Howland, *Jr.*
 Leeming, Joseph, *Soph.*
 LEFAVOUR, HENRY, *Trustee*
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 Lewis, Arthur Vaughan, *Jr.*

Lewis, Howard Franklyn, *Fr.*
 LICKLIDER, ALBERT HARP, *Asst. Prof.*
 Lindsay, Robert Brown, *Fr.*
 Logan, Rayford Whittingham, *Jr.*
 Lohrke, Eugene William, *Soph.*
 Lohrke, James Louis, *Jr.*
 Lohrke, Otto Emil, *Jr., Sr.*
 Long, Raymond Flint, *Sr.*
 Long, Robert David, *Soph.*
 Longyear, Philip Owen, *Soph.*

McClure, Kenneth Gaston, *Sr.*
 McConnell, Albert Best, *Soph.*
 McCurdy, Gilbert James Cathcart,
Jr.

McDonald, John Stewart, II, *Fr.*
 McELFRESH, WILLIAM EDWARD, *Prof.*
 McGraw, Frank Sears, *Jr., Soph.*
 McKelvy, Charles Lockhart, *Jr.*
 McKown, Samuel Campbell, *Jr., Sr.*
 McLAREN, WALTER WALLACE, *Prof.*
 McLean, James Cooke, *Fr.*
 McLean, Robert Louis, *Jr., Fr.*
 McMahon, Francis Michael, *Sr.*
 McMillan, William Wallace, *Soph.*
 McMullen, Roger Barrett, *Jr., Jr.*
 MacCarthy, Fairchilds Levant Bene-
 dict, *Fr.*

MABIE, HAMILTON WRIGHT, *Trustee*
 Macauley, Richard Bulkeley, *Fr.*
 Maier, Leonard Cheney, *Soph.*
 Mann, Donald Schuyler, *Jr.*
 Marble, John Putnam, *Soph.*
 Marks, Elias, *Sr.*
 Marshall, John, *Jr., Sr.*
 Martyn, Hamill Davis, *Fr.*
 Massinger, Charles Jerome, *Jr.*
 Matz, Charles Henderson, *Soph.*
 MAXCY, CARROLL LEWIS, *Prof.*
 May, Roswell Park Collin, *Soph.*
 Maynard, Richard Stratton, *Sr.*
 Maytham, Thomas Edward, *Soph.*

MEARS, BRAINERD, *Asst. Prof.*
 MEARS, LEVERETT, *Prof.*
 Meeker, Amherst Wight, *Soph.*
 Merselia, John Gaston, *Fr.*
 Merselia, William Bogardus, *Jr., Jr.*
 Michler, Gordon Hunt, *Sr.*
 MILHAM, WILLIS ISBISTER, *Prof.*
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I hereby give and bequeath to The President and Trustees of Williams College, a corporation organized and existing under the laws of the Commonwealth of Massachusetts, the sum of \$.....

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